

黄色(Y, W)光强一览表

Package Structure	Package Size (mm)	Height (mm)	Luminous Intensity (mcd)	1.0 to 1.6	1.6 to 2.5	2.5 to 4.0	4.0 to 6.3	6.3 to 10.0	10 to 16	16 to 25	25 to 40	40 to 63	63 to 100	100 to 160	160 to 250	250 to 400	400 to 630	630 to 1000	1000 to 1600	1600 to 2800
Mini-mold	1006	0.2	1																	
			20																	
		0.36	20																	
			2																	
	1608	0.55	20																	
			2																	
			20																	
			20																	
			20																	
			20																	
Reflector	20125	0.8	20																	
	20125	0.8	20																	
	3020	1.3	20																	
			10																	
			20																	
			20																	
	3528	1.9	50																	
			20																	
	16115	0.55	20																	
	34125	1.1	10																	
Lens	1608	1.24	20																	
	3216	1.85	20																	

黄绿色(M)、绿色(P, F)光强一览表

Package Structure	Package Size (mm)	Height (mm)	Luminous Intensity (mcd)	0.63 to 1.0	1.0 to 1.6	1.6 to 2.5	2.5 to 4.0	4.0 to 6.3	6.3 to 10.0	10 to 16	16 to 25	25 to 40	40 to 63	63 to 100	100 to 160	160 to 250	250 to 400	400 to 630	630 to 1000	1000 to 1800	1800 to 2500
Mini-mold	1006	0.2	1																		
			20																		
	1608	0.36	20																		
			2																		
	1608	0.55	20																		
			2																		
			20																		
			20																		
			20																		
			20																		
Reflector	20125	0.8	20																		
	20125	0.8	20																		
	3020	1.3	20																		
			20																		
			20																		
			20																		
	3528	1.9	50																		
			20																		
	16115	0.55	20																		
	34125	1.1	20																		
Lens	1608	1.24	20																		
	3216	1.85	20																		

*另备有半规格产品。
*1 规格书所示光强包含±10%误差。 注：等级标记请参考规格书。

贴片LED

绿色(E)/蓝绿色(E2、E3)光强一览表

Package Structure	Package Size (mm)	Height (mm)	Luminous Intensity (mcd)	I _F (mA)	9 to 14	14 to 22	22 to 36	36 to 56	56 to 90	90 to 140	140 to 220	220 to 360	360 to 560	560 to 900	900 to 1400	1400 to 2200	2200 to 3600	3600 to 5600
Mini-mold	1006	0.2	5	5					SMLP14ECNW									
		0.36							SMLN3EC8T									
	1608	0.55							SMLD12EN1W									
		1.06							SMLD12E2N1W									
Reflector	20125	0.8	5	20					SMLD12E3N1W									
	3020	1.3	20						CSL1001ET (C)									
PLCC2	3528	1.9	20	20					SMLMN2ECT (C)			SML012ENT						
		1.9													SMLZ24E2N3T			
Side View (mold)	16115	0.55	5	5					SMLA12ENT						SMLZN4EGT (A)*			
Lens	1608	1.24	5	20								CSL0901ET						
	3216	1.85	20											CSL0902ET				
																	SMLS14ENT	

蓝色(B)光强一览表

Package Structure	Package Size (mm)	Height (mm)	Luminous Intensity (mcd)	I _F (mA)	0.9 to 1.4	1.4 to 2.2	2.2 to 3.6	3.6 to 5.6	5.6 to 9.0	9 to 14	14 to 22	22 to 36	36 to 56	56 to 90	90 to 140	140 to 220	220 to 360	360 to 560	560 to 900	900 to 1400
Mini-mold	1006	0.2	5	5						SMLP14BCNW										
		0.36								SMLN3BC8T										
	1608	0.55								SMLD12BN1W										
		1.06								CSL1001BT (C)										
Reflector	20125	0.8	5	20						SMLMN2BCT (C)										
	3020	1.3	20												SML013BNT					
PLCC2	3528	1.9	20	20																
		1.9																		
Side View (mold)	16115	0.55	5	5						SMLA12BN8T										
Reverse Mount	34125	1.1	20	20											SML813BNT					
Lens	1608	1.24	5	20										CSL0901BT						
	3216	1.85	20														CSL0902BT			
																			SMLS14BNT	

白色(WB)光强一览表

Package Structure	Package Size (mm)	Height (mm)	Luminous Intensity (mcd)	I _F (mA)	9 to 14	14 to 22	22 to 36	36 to 56	56 to 90	90 to 140	140 to 220	220 to 360	360 to 560	560 to 900	900 to 1100	1100 to 1400	1400 to 1800	1800 to 2200	2200 to 2800	2800 to 3600	3600 to 7000	7000 to 8500
Mini-mold	1006	0.2	5	5						SMLP14WBCNIW												
		0.36								SMLN3WBC8W												
	1608	0.55								SMLD12WBN1W												
		1.06								CSL1101WBxW												
Reflector	1608	0.55	20	20											CSL1102WBxW							
		0.55													CSL1103WBxW							
PLCC2	3528	1.9	20	20						SMLMN2WB1CW (C)												
		1.9																				
Side View (Reflector)	16115	0.55	5	5						SMLA12WBN7W												
Reverse Mount	2812	0.8	20	20																		
	34125	1.1	2	2	SML811WBCN1W																	

Package Structure	Package Size (mm)	Height (mm)	Luminous Intensity (cd)	I _F (mA)	2.2 to 2.8	2.8 to 3.3	3.3 to 4.0	4.0 to 4.8	4.8 to 5.8	5.8 to 7.0	7.0 to 8.5	8.5 to 10.2	10.2 to 12.3	12.3 to 14.8	14.8 to 19.0	19.0 to 21.8	21.8 to 24.5	24.5 to 27.2	27.2 to 29.3	29.3 to 32.6	32.6 to 35.4
Reflector	4520	0.6	90	90						SMLK18WBNCW											
										SMLK28WBNCW											

*另备有半规格产品。

*1 规格书所示光强包含±10%误差。 注：等级标记请参考规格书。

双色光强一览表

Package Structure	Package Size (mm)	Height (mm)	I _F (mA)	Luminous Intensity (mcd)	2.5 to 4.0	4.0 to 6.3	6.3 to 10.0	10 to 16	16 to 25	25 to 40	40 to 63	63 to 100	100 to 160
Mini-mold	1010	0.2	20	Red									
				Yellow Green									
				Blue									
				Red									
	1315	0.6	20	Red									
				Yellow Green									
				Red									
				Yellow Green									
				Red									
				Yellow Green									
				Orange									
				Yellow Green									
	1608	0.55	5	Yellow Green									
				Red									
				Yellow									
				Red									
				Yellow Green									
				Yellow									
Reflector	3025	1.3	20	Yellow Green									
				Orange									
				Yellow Green									
				Red									
				Yellow									
				Yellow Green									
Reverse Mount	34125	1.1	20	Yellow Green									
				Red									
				Yellow Green									
				Red									

三色光强一览表

Package Structure	Package Size (mm)	Height (mm)	I _F (mA)	Luminous Intensity (mcd)	5.6 to 9.0	9 to 14	14 to 22	22 to 36	36 to 56	56 to 90	90 to 140	140 to 220	220 to 360	360 to 560	560 to 900	900 to 1400	1400 to 1800
Mini-mold	1010	0.2	5	Red													
				Green													
				Blue													
				Red													
Reflector	1510	0.2	5	Green													
				Blue													
				Red													
				Red													
	1816	0.5	20	Green													
				Blue													
				Red													
				Green													
				Blue													
				Red													
				Green													
				Blue													
Side View (Reflector)	3528	0.6	20	Red													
				Green													
				Blue													
				Red													
	29135	2.15	20	Green													
				Blue													
				Red													
				Green													
				Blue													
				Red													
				Green													
				Blue													

*1 规格书所示光强包含±10%误差。 注：等级标记请参考规格书。

贴片LED(车载适用品)

红色(V, U)光强一览表

Package Structure	Package Size (mm)	Height (mm)	Luminous Intensity (mcd)	6.3 to 10	10 to 16	16 to 25	25 to 40	40 to 63	63 to 100	100 to 160	160 to 250	250 to 400	400 to 630	630 to 1000	1000 to 1600	1600 to 2500	2500 to 3120
Mini-mold	1608	0.55	20							SML-D15VW (C)							
									SML-D13VW (C)								
									SML-D12V8W (C)								
	20125	0.8	20							SML-D15UW (C)							
										SML-D15U2W (C)							
									SML-D13UW (C)								
PLCC	3528	1.9	20						SML-D12U8W (C)								
									SML-H12V8T (C)								
									SML-H12U8T (C)								
Reverse Mount	34125	1.1	10						SML-Z14VT (C)								
									SML-Z14UT (C)								
Lens	1608	1.24	20								CSL0901VT (C)						
											CSL0901UT (C)						
											CSL0902VT (C)						
												CSL0902UT (C)					
													CSL0903VT (C)				
																CSL0903UT (C)	

橙色(D)光强一览表

Package Structure	Package Size (mm)	Height (mm)	Luminous Intensity (mcd)	10 to 16	16 to 25	25 to 40	40 to 63	63 to 100	100 to 160	160 to 250	250 to 400	400 to 630	630 to 1000	1000 to 1600	1600 to 2800
Mini-mold	1608	0.55	20								SML-D15DW (C)				
									SML-D13DW (C)						
	20125	0.8	20						SML-D12D8W (C)						
PLCC	3528	1.9	20						SML-H12D8T (C)						
Reverse Mount	34125	1.1	10						SML-Z14DT (C)						
Lens	1608	1.24	20												
											CSL0901DT (C)				
												CSL0902DT (C)			
															CSL0903DT (C)

黄色(Y, W)光强一览表

Package Structure	Package Size (mm)	Height (mm)	Luminous Intensity (mcd) I_f (mA)	2.5 to 4.0	4.0 to 6.3	6.3 to 10.0	10 to 16	16 to 25	25 to 40	40 to 63	63 to 100	100 to 160	160 to 250	250 to 400	400 to 630	630 to 1000	1000 to 1600	1600 to 2800
Mini-mold	1608	0.55	2		SML-D12W8W (C)									SML-D15YW (C)				
			20							SML-D13WW (C)								
	20125	0.8	20						SML-D12Y8W (C)									
										SML-H12Y8T (C)								
PLCC	3528	1.9	20									SML-Z14YT (C)						
Reverse Mount	34125	1.1	10					SML-811WT (C)										
Lens	1608	1.24	20											CSL0901YT (C)				
														CSL0901WT (C)				
															CSL0902YT (C)			
																CSL0903YT (C)		

黄绿色(M)、绿色(P, F)光强一览表

Package Structure	Package Size (mm)	Height (mm)	Luminous Intensity (mcd)	1.6 to 2.5	2.5 to 4.0	4.0 to 6.3	6.3 to 10.0	10 to 16	16 to 25	25 to 40	40 to 63	63 to 100	100 to 160	160 to 250	250 to 400	400 to 630	630 to 1000
Mini-mold	1608	0.55	20										SML-D15MW (C)				
											SML-D13MW (C)						
											SML-D12P8W (C)						
	20125	0.8	20								SML-D13FW (C)						
											SML-D12M8W (C)						
PLCC	3528	1.9	20								SML-H12M8T (C)						
											SML-H12P8T (C)						
													SML-Z14MT (C)				
Lens	1608	1.24	20								SML-Z14FT (C)						
											SML-Z14PT (C)						
													CSL0901MT (C)				
														CSL0901PT (C)			
															CSL0902MT (C)		

绿色(E)/蓝绿色(E2)光强一览表

Package Structure	Package Size (mm)	Height (mm)	I _F (mA)	Luminous Intensity (mcd)	36 to 56	56 to 90	90 to 140	140 to 220	220 to 360	360 to 560	560 to 900	900 to 1400	1400 to 2200	2200 to 3600	3600 to 5600
Mini-mold	1608	1.06	5					CSL1001ET (C)							
Reflector	20125	0.8	5					SMLMN2ECT (C)							
PLCC	3528	1.9	20									SMLZ24E2N3T (C)			
Lens	1608	1.24	5						CSL0901ET (C)						
			20										CSL0902ET (C)		

蓝色(B)光强一览表

Package Structure	Package Size (mm)	Height (mm)	I _F (mA)	Luminous Intensity (mcd)	2.2 to 3.6	3.6 to 5.6	5.6 to 9.0	9 to 14	14 to 22	22 to 36	36 to 56	56 to 90	90 to 140	140 to 220	220 to 360	360 to 560	560 to 900
Mini-mold	1608	0.55	5							SMLD12BN1W (C)							
		1.06	1			CSL1001BT (C)											
Reflector	20125	0.8	5							SMLMN2BCT (C)							
PLCC	3528	1.9	20												SMLZ24BN3T (C)		
Lens	1608	1.24	5								CSL0901BT (C)						
			20												CSL0902BT (C)		

白色(WB)光强一览表

Package Structure	Package Size (mm)	Height (mm)	I _F (mA)	Luminous Intensity (mcd)	36 to 56	56 to 90	90 to 140	140 to 220	220 to 360	360 to 560	560 to 900	900 to 1100	1000 to 1400	1400 to 1800
Mini-mold	1608	0.55	5					SMLD12WBN1W (C)						
Reflector	1608	0.55	5					CSL1101WBAW (C)						
								CSL1101WBBW (C)						
								CSL1101WBCW (C)						
								CSL1101WBDW (C)						
		20									CSL1102WBAW (C)			
											CSL1102WBBW (C)			
	20125	0.8	5									CSL1102WBCW (C)		
												CSL1102WBDW (C)		

三色(RGB)光强一览表

Package Structure	Package Size (mm)	Height (mm)	I _F (mA)	Luminous Intensity (mcd)	220 to 280	280 to 360	360 to 450	450 to 560	560 to 710	710 to 900	900 to 1100	1100 to 1400	1400 to 1800	1800 to 2200
Reflector	3528	0.6	20	Red										
				Green						SMLVN6RGBFU1 (C)				
				Blue										

贴片LED

PICOLED™ 模具型0402(1006M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)					
			Dominant Wavelength λ _d / Chromaticity Coordinates (x, y)	Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)	
				Typ* (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _R (mA)	Typ (V)	I _R (mA)							Max (μA)
 PICOLED™-eco 1.0x0.6 (t=0.2)	Red	SML-P11VT (R)	626	1	2	4	6	1	1.8	1	10	5	50	20	100 ²	5	-40 to +85	-40 to +100
		SML-P11UT (R)	621	1	1	3	6	1	1.8	1	10	5	50	20	100 ²	5	-40 to +85	-40 to +100
	Orange	SML-P11DT (R)	605	1	4	7	16	1	1.9	1	10	5	52	20	100 ²	5	-40 to +85	-40 to +100
	Yellow	SML-P11YT (R)	586	1	4	8	16	1	1.9	1	10	5	52	20	100 ²	5	-40 to +85	-40 to +100
	Yellow Green	SML-P11MT (R)	569	1	1	2	4	1	1.9	1	10	5	54	20	100 ²	5	-40 to +85	-40 to +100
 (E/B)  (WB) PICOLED™ 1.0x0.6 (t=0.2)	Red	SML-P12VT (R)	630	20	25	60	100	20	2.0	20	10	5	50	20	100 ²	5	-40 to +85	-40 to +100
		SML-P12UT (R)	620	20	40	85	160	20	2.0	20	10	5	50	20	100 ²	5	-40 to +85	-40 to +100
	Orange	SML-P12U2T (R)	615	20	25	70	160	20	2.1	20	10	5	52	20	100 ²	5	-40 to +85	-40 to +100
		SML-P12DT (R)	605	20	63	100	250	20	2.1	20	10	5	52	20	100 ²	5	-40 to +85	-40 to +100
	Yellow	SML-P12Y3T (R)	596	20	40	90	250	20	2.1	20	10	5	52	20	100 ²	5	-40 to +85	-40 to +100
		SML-P12YT (R)	590	20	40	100	160	20	2.1	20	10	5	52	20	100 ²	5	-40 to +85	-40 to +100
		SML-P12WT (R)	585	20	25	70	160	20	2.1	20	10	5	52	20	100 ²	5	-40 to +85	-40 to +100
		SML-P12Y2T (R)	580	20	16	50	100	20	2.1	20	10	5	52	20	100 ²	5	-40 to +85	-40 to +100
	Yellow Green	SML-P12M2T (R)	576	20	10	25	63	20	2.2	20	10	5	54	20	100 ²	5	-40 to +85	-40 to +100
		SML-P12MT (R)	572	20	10	25	63	20	2.2	20	10	5	54	20	100 ²	5	-40 to +85	-40 to +100
	Green	SML-P13FT (R)	566	20	6	18	40	20	2.1	20	10	5	52	20	100 ²	5	-40 to +85	-40 to +100
		SML-P13PT (R)	560	20	4	10	16	20	2.1	20	10	5	52	20	100 ²	5	-40 to +85	-40 to +100
		SMLP14ECNW	527	5	56	110	220	5	3.0	5	100	5	34	10	50 ²	5	-40 to +85	-40 to +100
		SMLP14BCNW	470	5	9	25	56	5	2.9	5	100	5	33	10	50 ²	5	-40 to +85	-40 to +100
	White	SMLP14WBCN1W	(x, y) (0.30, 0.30)	5	90	180	360	5	2.9	5	100	5	33	10	50 ²	5	-40 to +85	-40 to +100

模具型0603(1608M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)								
			Dominant Wavelength λ _d / Chromaticity Coordinates (x, y)		Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)			
			Typ* (nm)		I _r (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _r (mA)	Typ (V)	I _r (mA)	Max (μA)							V _R (V)		
  (WB)	Red	SML-E12V8W	630		20	16	40	100	20	2.2	20	10	5	54	20	100 ⁺²	5	-40 to +85	-40 to +100		
		SML-E12UW	624		20	36	85	280	20	2.0	20	10	5	62	25	60 ⁺¹	5	-30 to +85	-40 to +85		
		SML-E12U8W	620		20	25	63	160	20	2.2	20	10	5	54	20	100 ⁺²	5	-40 to +85	-40 to +100		
	Orange	SML-E12DW	607		20	56	150	450	20	2.0	20	10	5	62	25	60 ⁺¹	5	-30 to +85	-40 to +85		
		SML-E12D8W	605		20	40	100	250	20	2.2	20	10	5	54	20	100 ⁺²	5	-40 to +85	-40 to +100		
	Yellow	SML-E12Y8W	590		20	25	63	160	20	2.2	20	10	5	54	20	100 ⁺²	5	-40 to +85	-40 to +100		
	Yellow Green	SML-E12M8W	572		20	10	25	63	20	2.2	20	10	5	54	20	100 ⁺²	5	-40 to +85	-40 to +100		
	Green	SML-E12P8W	560		20	3	6	16	20	2.2	20	10	5	54	20	100 ⁺²	5	-40 to +85	-40 to +100		
		SMLN3EC8T	527		5	56	120	360	5	3.0	5	10	5	68	20	100 ⁺²	5	-40 to +85	-40 to +100		
	Blue	SMLN3BC8T	470		5	14	40	90	5	2.9	5	10	5	66	20	100 ⁺²	5	-40 to +85	-40 to +100		
White	SMLN3WBC8W	(x, y) (0.30, 0.30)	5	56	120	220	5	2.9	5	10	5	33	10	50 ⁺²	5	-40 to +85	-40 to +100				
  (WB)	Red	SML-D12L8W	635		20	10	16	40	20	2.0	20	10	5	50	20	100 ⁺³	5	-40 to +85	-40 to +100		
		SML-D14VW (A)												72	30						
		Single rank SML-D15VW									2.0				84	35			-40 to +100		
		SML-D13VW (A)												72	30				-40 to +100		
		SML-D12V8W																			
		SML-D12V1W									2.2				54	20			-40 to +85		
		New CSL1901VW			2	1.6	4.8	6.3	2	1.8	2				44						
		Single rank SML-D15UW													84	35					
		SML-D13UW (A)									2.0				72	30			-40 to +100		
		SML-D13U8W									2.1	20			52					-40 to +100	
		SML-D12U8W									2.2				54	20			-40 to +85		
		SML-D12U1W																			
		New CSL1901UW			2	2.5	6	10	2	1.8	2				44						
		SML-D14U2W (A)													72	30			-40 to +100	-40 to +100	
	Single rank SML-D15U2W										2.0	20			84	35					
	Orange	Single rank SML-D15DW													84	35					
		SML-D14DW (A)																			
		SML-D13DW (A)								2.0					72	30			-40 to +100		
		SML-D12D8W																		-40 to +100	
		SML-D12D1W								2.2					54	20			-40 to +85		
		New CSL1901DW			2	6.3	9.4	25	2	1.8	2				44						
		Single rank SML-D15YW													87	35			-40 to +100		
		SML-D14YW (A)									2.1				75	30					
		SML-D12Y1W																		-40 to +100	
		SML-D13Y8W									2.2	20			54	20			-40 to +85	-40 to +100	
	Yellow	SML-D12Y8W																			
		New CSL1901YW			2	6.3	9.4	25	2	1.8	2				44						
		SML-D12W8W (A)									2.0			12	52	20			-40 to +100	-40 to +100	
		SML-D11YW			2	2	4	6	2	1.9	2	10		5	67	25			-40 to +85		
		SML-D14WW (A)																		-40 to +100	
		SML-D13WW (A)																		-40 to +100	
		SML-D13Y2W									2.1				78	30					
		SML-D12Y3W									2.2	20			54	20			-40 to +85	-40 to +100	
		Yellow Green	SML-D12M1W																		
			SML-D13M8W																		
	SML-D12M8W																				
	Single rank SML-D15MW														87	35					
	Green	SML-D14MW (A)									2.1	20			75	30			-40 to +100	-40 to +100	
		SML-D13MW (A)																			
		New CSL1901MW			2	1	3	4	2	1.8	2	10		5	44	20			-40 to +85	-40 to +100	
		SML-D13FW									2.1				81	30			-40 to +85	-40 to +100	
	Blue Green	SML-D12FW									2.2	20			67	25					
		SML-D12P8W																			
		SMLD12EN1W									3.0	5			70	20			-40 to +100	-40 to +100	
		SMLD12E2N1W									2.9	5			66	20			-40 to +100	-40 to +100	
	Blue	SMLD12E3N1W									2.9	5			66	20			-40 to +100	-40 to +100	
		SMLD12BN1W									2.9	5			66	20			-40 to +100	-40 to +100	
White		SMLD12WBN1W	(x, y) (0.295, 0.280)	5	56	120	220	5	2.9	5	10	5	66	20	100 ⁺²	5	-40 to +100	-40 to +100			

*1 Duty ≤ 1/5, 200Hz *2 Duty ≤ 1/10, 1kHz *3 Duty ≤ 1/10, pulse width 10ms Max

*关于白色, 用色度坐标(x, y)标记。

注1: PICOLED™ 是ROHM Co., Ltd.的商标或注册商标。

模具型0603(1608M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)						
			Dominant Wavelength λ _D		Luminous Intensity I _v					Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)							
 1.6×0.8 (t=1.06)	Green	CSL1001ET (C)	527	5	90	140	224	5	3.0	5	10	5	35	10	50*2	5	-40 to +100	-40 to +100	
	Blue	CSL1001BT (C)	470	1	4	6	9	1	2.8	1	10	5	33	10	50*2	5	-40 to +100	-40 to +100	

模具型0805(20125M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)					
			Dominant Wavelength λ _D		Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FPM} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _R (mA)	Max (μA)	V _R (V)						
 2.0x1.25 (t=0.8)	Red	SML-H12V8T	630	20	16	25	63	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100
		SML-H12U8T	620	20	25	40	100	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100
	Orange	SML-H12D8T	605	20	40	63	160	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100
	Yellow	SML-H12Y8T	590	20	40	63	160	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100
	Yellow Green	SML-H12M8T	572	20	10	25	40	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100
	Green	SML-H12P8T	560	20	3	4	10	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100

折射型0603(1608M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)						
			Dominant Wavelength λ_D / Chromaticity Coordinates (x, y)		Luminous Intensity I _v					Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FFM} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
			Typ* (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μ A)	V _R (V)							
 1.6×0.8 (t=0.55)	White	New CSL1101WBAW	(x, y) (0.282, 0.249)	5	90	155	220	5	2.9	5	10	5	68	20	100 ^{*2}	5	-40 to +110	-40 to +110	
		New CSL1101WBBW	(x, y) (0.261, 0.261)	5	90	155	220	5	2.9	5	10	5	68	20	100 ^{*2}	5	-40 to +110	-40 to +110	
		New CSL1101WBCW	(x, y) (0.303, 0.294)	5	90	155	220	5	2.9	5	10	5	68	20	100 ^{*2}	5	-40 to +110	-40 to +110	
		New CSL1101WBDW	(x, y) (0.284, 0.303)	5	90	155	220	5	2.9	5	10	5	68	20	100 ^{*2}	5	-40 to +110	-40 to +110	
		New CSL1102WBAW	(x, y) (0.282, 0.249)	20	710	1,000	1,400	20	3.2	20	10	5	152	40	100 ^{*2}	5	-40 to +110	-40 to +110	
		New CSL1102WBBW	(x, y) (0.261, 0.261)	20	710	1,000	1,400	20	3.2	20	10	5	152	40	100 ^{*2}	5	-40 to +110	-40 to +110	
		New CSL1102WBCW	(x, y) (0.303, 0.294)	20	710	1,000	1,400	20	3.2	20	10	5	152	40	100 ^{*2}	5	-40 to +110	-40 to +110	
		New CSL1102WBDW	(x, y) (0.284, 0.303)	20	710	1,000	1,400	20	3.2	20	10	5	152	40	100 ^{*2}	5	-40 to +110	-40 to +110	
		CSL1103WBAW	(x, y) (0.282, 0.249)	20	900	1,500	2,200	20	3.2	20	10	5	152	40	100 ^{*2}	5	-40 to +110	-40 to +110	
		CSL1103WBBW	(x, y) (0.261, 0.261)	20	900	1,500	2,200	20	3.2	20	10	5	152	40	100 ^{*2}	5	-40 to +110	-40 to +110	
		CSL1103WBCW	(x, y) (0.303, 0.294)	20	900	1,500	2,200	20	3.2	20	10	5	152	40	100 ^{*2}	5	-40 to +110	-40 to +110	
		CSL1103WBDW	(x, y) (0.284, 0.303)	20	900	1,500	2,200	20	3.2	20	10	5	152	40	100 ^{*2}	5	-40 to +110	-40 to +110	
		CSL1104WBAW	(x, y) (0.282, 0.249)	20	1,400	2,000	2,800	20	2.9	20	10	5	144	40	100 ^{*2}	5	-40 to +110	-40 to +110	
		CSL1104WBBW	(x, y) (0.261, 0.261)	20	1,400	2,000	2,800	20	2.9	20	10	5	144	40	100 ^{*2}	5	-40 to +110	-40 to +110	
		CSL1104WBCW	(x, y) (0.303, 0.294)	20	1,400	2,000	2,800	20	2.9	20	10	5	144	40	100 ^{*2}	5	-40 to +110	-40 to +110	
		CSL1104WBDW	(x, y) (0.284, 0.303)	20	1,400	2,000	2,800	20	2.9	20	10	5	144	40	100 ^{*2}	5	-40 to +110	-40 to +110	

折射型0805(20125M)

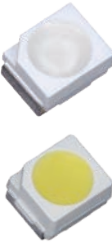
Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)						
			Dominant Wavelength λ_D / Chromaticity Coordinates (x, y)		Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D	Forward Current I _F	Peak Forward Current I _{FM}	Reverse Voltage V _R	Operating Temperature T _{opr}	Storage Temperature T _{stg}	
			Typ* (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μ A)	V _R (V)	P _D (mW)	I _F (mA)	I _{FM} (mA)	V _R (V)	T _{opr} (°C)	T _{stg} (°C)	
 (WB) 2.0x1.25 (t=0.8)	Red	SML-M13VT	630	20	40	75	100	20	2.0	20	10	5	75	30	100*2	5	-40 to +85	-40 to +100	
		SML-M13UT	620	20	63	120	160	20	2.0	20	10	5	75	30	100*2	5	-40 to +85	-40 to +100	
	Orange	SML-M13DT	605	20	100	160	250	20	2.0	20	10	5	75	30	100*2	5	-40 to +85	-40 to +100	
	Yellow	SML-M13YT	590	20	100	160	250	20	2.0	20	10	5	75	30	100*2	5	-40 to +85	-40 to +100	
	Yellow Green	SML-M13MT	572	20	25	45	100	20	2.2	20	10	5	81	30	100*2	5	-40 to +85	-40 to +100	
		SML-M13PT	560	20	6	16	25	20	2.2	20	10	5	81	30	100*2	5	-40 to +85	-40 to +100	
	Green	SMLMN2ECT (C)	527	5	56	140	360	5	3.0	5	10	12	70	20	100*2	12	-40 to +100	-40 to +100	
	Blue	SMLMN2BCT (C)	470	5	14	36	90	5	2.9	5	10	12	68	20	100*2	12	-40 to +100	-40 to +100	
	White	SMLMN2WB1CW (C)	(x, y) (0.30, 0.28)	5	56	140	220	5	2.9	5	10	12	68	20	100*2	12	-40 to +100	-40 to +100	

折射型(3020M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)							
			Dominant Wavelength λ _D		Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)		
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)								
 3.0x2.0 (t=1.3)	Red	SML-010VT	650 ^{*3}	20	2	6	18	20	2.0	20	10	4	70	25	60 ^{*1}	4	-30 to +85	-40 to +85		
		SML-011VT (A)	639 ^{*3}	10	14	28	56	10	2.0	10	10	5	75	30	100 ^{*2}	5	-40 to +100	-40 to +100		
		SML-011UT	630 ^{*3}	20	22	63	180	20	2.0	20	10	5	75	30	100 ^{*2}	5	-40 to +100	-40 to +100		
		SML-012VT (A)	630	20	36	71	140	20	2.0	20	10	5	75	30	100 ^{*2}	5	-40 to +100	-40 to +100		
		SML-012V8T		20	25	63	160	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100		
		SML-013UT	624	20	90	220	710	20	2.0	20	10	5	75	30	100 ^{*2}	5	-30 to +85	-40 to +100		
		SML-012UT		20	36	100	280	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +100	-40 to +100		
	SML-012U8T	620	20	40	100	250	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100			
	Orange	SML-011DT		20	63	180	20	2.0	20	10	5	75	30	100 ^{*2}	5	-40 to +100	-40 to +100			
		SML-011DT (A)	611 ^{*3}	10	22	45	90	10	2.0	10	10	5	75	30	100 ^{*2}	5	-40 to +100	-40 to +100		
		SML-010DT	610 ^{*3}	20	4	10	28	20	2.0	20	100	4	70	25	60 ^{*1}	4	-30 to +85	-40 to +85		
		SML-012DT	606	20	36	100	280	20	2.0	20	10	5	75	30	100 ^{*2}	5	-40 to +100	-40 to +100		
		SML-012D8T		20	63	160	400	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100		
		SML-012DT (A)	605	20	71	140	280	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100		
		SML-011YT		20	22	63	180	20	2.0	20	10	5	75	30	100 ^{*2}	5	-40 to +100	-40 to +100		
	Yellow	SML-011YT (A)	590 ^{*3}	10	11	22	45	10	2.0	10	10	5	75	30	100 ^{*2}	5	-40 to +100	-40 to +100		
		SML-012WT (A)			140	280	450	20	2.0	20	10	5	75	30	100 ^{*2}	5	-40 to +100	-40 to +100		
		SML-013YT		20	100	250	630	20	2.1	20	10	5	75	30	100 ^{*2}	5	-40 to +85	-40 to +100		
		SML-012YT		20	36	100	280	20	2.0	20	10	5	75	30	100 ^{*2}	5	-40 to +100	-40 to +100		
		SML-012Y8T		20	40	100	250	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100		
		SML-012YT (A)	587	20	56	112	224	20	2.0	20	10	5	75	30	100 ^{*2}	5	-40 to +100	-40 to +100		
SML-010YT		585 ^{*3}	20	2	6	18	20	2.1	20	100	4	70	25	60 ^{*1}	4	-30 to +85	-40 to +85			
Yellow Green	SML-012M8T	572	20	16	40	100	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100			
	SML-010MT	570 ^{*3}	20	6	25	45	20	2.2	20	100	4	70	25	60 ^{*1}	4	-30 to +85	-40 to +85			
Green	SML-012PT (A)		20		18	36	20	2.1	20	10	5	62	25	60 ^{*2}	5	-40 to +100	-40 to +100			
	SML-012P8T	560	20	3	18	25	20	2.2	20	10	5	54	20	100 ^{*2}	5	-40 to +85	-40 to +100			
Blue	SML012ENT	525	20	140	360	900	20	3.2	20	100	5	84	20	100 ^{*2}	5	-30 to +85	-40 to +100			
	SML013BNT	470	20	90	250	560	20	3.2	20	100	5	78	20	100 ^{*2}	5	-30 to +85	-40 to +100			

贴片LED

折射型PLCC(3528M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)											Absolute Maximum Ratings (T _a =25°C)				
			Dominant Wavelength λ _d / Chromaticity Coordinates (x, y)		Luminous Intensity I _v				Forward Voltage V _f		Reverse Current I _r		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
			Typ* (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)						
 PLCC 3.5x2.8 (t=1.9)	Red	SML-Z14V4T	630	50	140	280	560	50	2.0	50	10	12	189	70	200*2	12	-40 to 100	-40 to 100
		SML-Z14VT (A)		20	56	112	180	20	1.9	20	10	12	168	70	200*2	12	-40 to 100	-40 to 100
		SML-Z14U4T	620	50	280	560	1,120	50	2.0	50	10	12	189	70	200*2	12	-40 to 100	-40 to 100
		SML-Z14UT (A)		20	112	224	355	20	1.9	20	10	12	168	70	200*2	12	-40 to 100	-40 to 100
	Orange	SML-Z14D4T	605	50	355	710	1,400	50	2.0	50	10	12	189	70	200*2	12	-40 to 100	-40 to 100
		SML-Z14DT (A)		20	140	280	450	20	1.9	20	10	12	168	70	200*2	12	-40 to 100	-40 to 100
	Yellow	SML-Z14Y4T	590	50	355	710	1,400	50	2.1	50	10	12	189	70	200*2	12	-40 to 100	-40 to 100
		SML-Z14YT (A)		20	140	280	450	20	2.0	20	10	12	175	70	200*2	12	-40 to 100	-40 to 100
	Yellow Green	SML-Z14M4T	572	50	112	224	450	50	2.1	50	10	12	189	70	200*2	12	-40 to 100	-40 to 100
		SML-Z14MT (A)		20	45	90	140	20	2.0	20	10	12	175	70	200*2	12	-40 to 100	-40 to 100
	Green	SML-Z14F4T	565	50	56	120	180	50	2.1	50	10	12	189	70	200*2	12	-40 to 100	-40 to 100
		SML-Z14FT (A)		20	22	45	71	20	2.0	20	10	12	175	70	200*2	12	-40 to 100	-40 to 100
		SML-Z14P4T		50	22	56	90	50	2.1	50	10	12	189	70	200*2	12	-40 to 100	-40 to 100
		SML-Z14PT (A)		20	11	22	36	20	2.0	20	10	12	175	70	200*2	12	-40 to 100	-40 to 100
	Blue Green	SMLZN4EGT (A)	528	20	900	1,500	2,200	20	3.4	20	10	5	120	30	100*2	5	-40 to 100	-40 to 100
		SMLZ24E2N3T (C)		20	900	1,140	1,800	20	3.2	20	—	—	152	40	100*2	—	-40 to 100	-40 to 100
	Blue	SMLZ24BN3T (C)	470	20	220	300	450	20	3.3	20	—	—	114	30	100*2	0.9	-40 to 100	-40 to 100
		SMLZN4BGT (A)		20	140	—	—	—	—	—	—	—	—	—	—	—	-40 to 85	-40 to 100
	White	SMLZN4WBGUW (A)	(x, y) (0.30, 0.28)	20	1,800	2,400	3,600	20	3.3	20	—	—	114	30	100*2	0.9	-40 to 100	-40 to 100

折射型(4520M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)											Absolute Maximum Ratings (T _a =25°C)				
			Chromaticity Coordinates* (x, y)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)	Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
 4.5x2.0 (t=0.6)	White	SMLK18WBNCW	(0.30, 0.28)	90	4,800	5,900	8,500	90	3.9	90	10	5	675	150	230*3	5	-40 to +100	-40 to +100
		New SMLK28WBNCW		150	—	—	—	—	—	—	—	—	—	—	—	—	—	—

侧视型

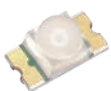
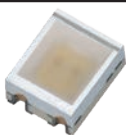
Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)											Absolute Maximum Ratings (T _a =25°C)				
			Dominant Wavelength λ _d / Chromaticity Coordinates (x, y)		Luminous Intensity I _v				Forward Voltage V _f		Reverse Current I _r		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
			Typ* (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)						
 1.6x1.15 (t=0.55)	Red	SML-A12V8T	630	20	16	40	100	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100
		SML-A12UT (J)	624	20	36	100	280	20	2.0	20	10	5	75	30	100*2	5	-40 to +85	-40 to +100
		SML-A12U8T	620	20	25	63	160	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100
	Orange	SML-A12DT (J)	606	20	36	100	280	20	2.0	20	10	5	75	30	100*2	5	-40 to +85	-40 to +100
		SML-A12D8T	605	20	40	100	250	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100
	Yellow	SML-A12WT (J)	590	20	36	100	280	20	2.0	20	10	5	75	30	100*2	5	-40 to +85	-40 to +100
		SML-A12Y8T		20	25	63	160	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100
		SML-A15YT		20	180	—	280	20	2.1	—	—	—	87	35	—	—	-40 to +100	-40 to +100
	Yellow Green	SML-A12M8T	572	20	10	25	63	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100
		SML-A12MT (J)		20	14	40	110	20	2.1	20	100	5	65	25	100*2	5	-30 to +85	-40 to +85
	Green	SML-A12P8T	560	20	3	6	16	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100
		SMLA12ENT		5	56	140	220	5	3.0	5	100	5	68	20	100*2	5	-40 to +85	-40 to +100
	Blue	SMLA12BN8T	470	5	9	36	56	5	2.9	5	10	5	66	20	100*2	5	-40 to +85	-40 to +100
	White	SMLA12WBN7W	(x, y) (0.30, 0.30)	5	22	56	140	5	2.9	5	10	5	33	10	50*2	5	-40 to +85	-40 to +100
 2.8x1.2 (t=0.8)	White	CSL0416WBCW	(x, y) (0.30, 0.28)	20	1,400	2,200	3,600	20	3.2	20	50	5	117	30	100*2	5	-40 to +85	-40 to +100
				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

可背面贴装型

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)											Absolute Maximum Ratings (T _a =25°C)				
			Dominant Wavelength λ _d / Chromaticity Coordinates (x, y)		Luminous Intensity I _v				Forward Voltage V _f		Reverse Current I _r		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
			Typ* (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)						
 Mold type 3.4x1.25 (t=1.1)	Red	SML-811VT (A)	630	10	11	22	45	10	2.0	10	100	5	62	25	100*2	5	-40 to +85	-40 to +100
		SML-811UT (A)	620	10	11	22	45	10	2.0	10	100	5	62	25	100*2	5	-40 to +85	-40 to +100
	Orange	SML-811DT (A)	605	10	11	22	45	10	2.0	10	100	5	62	25	100*2	5	-40 to +85	-40 to +100
	Yellow	SML-811WT (A)	590	10	14	28	56	10	2.0	10	100	5	62	25	100*2	5	-40 to +85	-40 to +100
	Yellow Green	SML-812MT	571	20	14	40	110	20	2.1	20	100	4	65	25	60*1	4	-30 to +85	-40 to +85
	Blue	SML813BNT	470	20	90	185	360	20	3.2	20	100	5	76	20	100*2	5	-40 to +85	-40 to +85
	White	SML811WBCN1W	(x, y) (0.272, 0.279)	2	9	22	45	2	2.8	2	10	5	35	10	50*2	5	-40 to +85	-40 to +100
 2 Color type 3.4x1.25 (t=1.1)	Yellow Green	SML-822MV8W	572	20	16	25	40	20	2.2	20	100	5	54	20	100*2	5	-40 to +85	-40 to +100
	Red		630	20	16	30	63	20	2.2	20	100	5	54	20	100*2	5	-40 to +85	-40 to +100
	Yellow Green	SML-825MVW	572	20	40	63	100	20	2.1	20	100	5	80	30	100*2	5	-40 to +85	-40 to +100
	Red		630	20	40	63	100	20	2.0	20	100	5	80	30	100*2	5	-40 to +85	-40 to +100

*1 Duty ≤ 1/5, 200Hz *2 Duty ≤ 1/10, 1kHz *3 Duty ≤ 1/10, pulse width 10ms Max
*关于白色, 用色度坐标(x, y)标记。

带镜头的表面贴装型

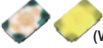
Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)						
			Dominant Wavelength λ _D		Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)	
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)							
	Red	CSL0903VT	630	20	560	800	1,400	20	2.1	20	10	12	87	35	100*2	12	-40 to +100	-40 to +100	
		CSL0902VT			180	280	450						62.5	25					
		CSL0901VT			112	180	355						62.5	25					
		CSL0903UT	620	20	710	1,200	1,800	20	2.1	20	10	12	87	35	100*2	12	-40 to +100	-40 to +100	
		CSL0902UT			224	355	560						62.5	25					
	CSL0901UT	140	280	450	62.5	25													
	Orange	CSL0903DT	605	20	900	1,400	2,240	20	2.1	20	10	12	87	35	100*2	12	-40 to +100	-40 to +100	
		CSL0902DT			355	560	900						62.5	25					
		CSL0901DT			224	400	710						62.5	25					
	Yellow	CSL0903YT	590	20	560	800	1,400	20	2.1	20	10	12	87	35	100*2	12	-40 to +100	-40 to +100	
		CSL0902YT			355	560	900						62.5	25					
		CSL0901YT			180	320	560						62.5	25					
	Yellow Green	CSL0901WT	587	20	180	280	560	20	2.1	20	10	12	62.5	25	100*2	12	-40 to +100	-40 to +100	
		CSL0902MT	571	20	112	180	280	20	2.1	20	10	12	87	35	100*2	12	-40 to +100	-40 to +100	
		CSL0901MT			56	100	180						62.5	25					
	Green	CSL0901PT	560	20	14	30	45	20	2.1	20	10	12	62.5	25	100*2	12	-40 to +100	-40 to +100	
		CSL0902ET	527	20	710	1,100	1,800	20	3.4	20	10	5	95	25	100*2	5	-40 to +100	-40 to +100	
		CSL0901ET			5	220	360						560	5					3.0
	Blue	CSL0902BT	470	20	220	360	560	20	3.3	20	10	5	95	25	100*2	5	-40 to +100	-40 to +100	
CSL0901BT		5			36	56	90						5	2.9					5
	Red	SML-S13VT	630	20	160	450	630	20	1.9	20	10	5	75	30	100*2	5	-40 to +85	-40 to +100	
		SML-S13UT	620	20	400	700	1,600	20	1.9	20	10	5	75	30	100*2	5	-40 to +85	-40 to +100	
	Orange	SML-S13DT	605	20	630	1,400	2,500	20	1.9	20	10	5	75	30	100*2	5	-40 to +85	-40 to +100	
	Yellow	SML-S13YT	590	20	630	1,400	2,500	20	2.0	20	10	5	78	30	100*2	5	-40 to +85	-40 to +100	
	Yellow Green	SML-S13MT	572	20	160	400	630	20	2.0	20	10	5	78	30	100*2	5	-40 to +85	-40 to +100	
	Green	SML-S13PT	560	20	63	160	400	20	2.0	20	10	5	78	30	100*2	5	-40 to +85	-40 to +100	
		SMLS14ENT	527	20	1,800	3,000	4,500	20	3.3	20	10	5	117	30	100*2	5	-40 to +85	-40 to +100	
	Blue	SMLS14BNT	470	20	450	800	1,400	20	3.2	20	10	5	117	30	100*2	5	-40 to +85	-40 to +100	
	Red	CSL0701UT	624	20	9,000	18,000	25,000	20	2.1	20	10	5	120	50	150*2	5	-40 to +85	-40 to +100	
	Orange	CSL0701DT	605	20	20,000	35,000	50,000	20	2.1	20	10	5	120	50	150*2	5	-40 to +85	-40 to +100	
双色型																			
Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)						
			Dominant Wavelength λ _D		Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)	
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)							
	Yellow Green	SML-P24MUW (R)	572	20	10	21	40	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100	
	Red		620	20	25	52	100	20	2.1	20	10	5	52	20	100*2	5	-40 to +85	-40 to +100	
	Yellow Green	SML-D22MUW	570	5	6	10	16	5	2.0	5	10	5	67	25	100*2	5	-40 to +105	-40 to +110	
	Red		620	5	10	16	25	5	1.9	5	10	5	65	25	100*2	5	-40 to +105	-40 to +110	
	Yellow	SML-D22YVW	588	5	16	25	40	5	2.0	5	10	5	67	25	100*2	5	-40 to +105	-40 to +110	
	Red		629	5	10	16	25	5	1.9	5	10	5	65	25	100*2	5	-40 to +105	-40 to +110	
	Blue	SML522BUNW	470	5	9	22	36	5	2.9	5	10	5	66	20	60*2	5	-40 to +85	-40 to +100	
	Red		624	5	10	21	40	5	1.9	5	10	5	50	20	60*2	5	-40 to +85	-40 to +100	
	Yellow Green	SML-522MUW	570	20	14	40	71	20	2.1	20	100	4	52	20	60*2	4	-30 to +85	-40 to +85	
	Red		630	20	22	63	110	20	1.9	20	100	4	50	20	60*2	4	-30 to +85	-40 to +85	
	Yellow Green	SML-522MU8W	572	20	16	40	63	20	2.2	20	100	4	54	20	100*2	4	-40 to +85	-40 to +100	
	Red		620	20	25	63	100	20	2.2	20	100	4	54	20	100*2	4	-40 to +85	-40 to +100	
	Yellow Green	SML-522MD8W	572	20	10	25	40	20	2.2	20	100	4	54	20	100*2	4	-40 to +85	-40 to +100	
	Orange		605	20	40	100	160	20	2.2	20	100	4	54	20	100*2	4	-40 to +85	-40 to +100	
	Yellow Green	SML-522MY8W	572	20	16	40	63	20	2.2	20	100	4	54	20	100*2	4	-40 to +85	-40 to +100	
	Yellow		590	20	40	63	160	20	2.2	20	100	4	54	20	100*2	4	-40 to +85	-40 to +100	
		Yellow Green	SML-020MDT	570*3	20	9	20	45	20	2.2	20	100	4	60	25	60*1	4	-30 to +85	-40 to +85
		Orange		610*3	20	6	10	18	20	2.0	20	100	4	60	25	60*1	4	-30 to +85	-40 to +85
Yellow Green		SML-020MVT	570*3	20	9	20	45	20	2.2	20	100	4	60	25	60*1	4	-30 to +85	-40 to +85	
Red			650*3	20	4	6	11	20	2.0	20	100	4	60	25	60*1	4	-30 to +85	-40 to +85	
Yellow Green		SML-020MYT	570*3	20	9	21	45	20	2.2	20	100	4	60	25	60*1	4	-30 to +85	-40 to +85	
Yellow			585*3	20	6	10	18	20	2.1	20	100	4	60	25	60*1	4	-30 to +85	-40 to +85	

*1 Duty ≤ 1/5, 200Hz *2 Duty ≤ 1/10, 1kHz *3 峰值波长
注：PICOLED™ 是ROHM Co., Ltd. 的商标或注册商标。

贴片LED

3色型																			
Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)											Absolute Maximum Ratings (T _a =25°C)					
			Dominant Wavelength λ _D		Luminous Intensity I _v					Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)							
 1.0x1.0 (t=0.2)	Red	SMLP34RGBN1W	624	5	36	80	140	5	2.1	5	10	5	35	10	50 ^{*1}	5	-40 to +85	-40 to +100	
	Green		527	5	140	220	360	5	3.1	5	10	5	35	10	50 ^{*1}	5	-40 to +85	-40 to +100	
	Blue		470	5	36	60	140	5	3.0	5	10	5	35	10	50 ^{*1}	5	-40 to +85	-40 to +100	
 1.5x1.0 (t=0.2)	Red	SMLP36RGBNW	624	5	36	80	140	5	1.9	5	10	5	35	10	50 ^{*1}	5	-40 to +85	-40 to +100	
	Green		527	5	140	220	360	5	2.9	5	10	5	35	10	50 ^{*1}	5	-40 to +85	-40 to +100	
	Blue		470	5	36	60	140	5	2.95	5	10	5	35	10	50 ^{*1}	5	-40 to +85	-40 to +100	
 1.8x1.6 (t=0.5)	Red	MSL0402RGBU ^{*5}	624	20	220	400	560	20	2.1	20	10	5	180 ^{+3/-3}	30	100	5	-40 to +85	-40 to +100	
	Green		527	20	360	550	900	20	3.5	20	100	5	180 ^{+3/-3}	30	100	5	-40 to +85	-40 to +100	
	Blue		470	20	90	180	360	20	3.3	20	100	5	180 ^{+3/-3}	30	100	5	-40 to +85	-40 to +100	
 3.5x2.8 (t=0.6)	Red	SMLVN6RGB1U ^{*5}	624	20	450	700	1,100	20	2.1	20	10	5	400 ^{+3/-3}	50	100	5	-40 to +85	-40 to +100	
	Green		527	20	710	1,200	1,800	20	3.3	20	—	—	400 ^{+3/-3}	40	100	—	-40 to +85	-40 to +100	
	Blue		470	20	220	400	560	20	3.3	20	—	—	400 ^{+3/-3}	40	100	—	-40 to +85	-40 to +100	
	Red	SMLVN6RGB1W ^{*4}	624	20	450	700	1,100	20	2.1	20	10	5	400 ^{+3/-3}	50	100	5	-40 to +85	-40 to +100	
	Green		527	20	710	1,200	1,800	20	3.3	20	—	—	400 ^{+3/-3}	40	100	—	-40 to +85	-40 to +100	
	Blue		470	20	220	400	560	20	3.3	20	—	—	400 ^{+3/-3}	40	100	—	-40 to +85	-40 to +100	
	Red	SMLVN6RGB7W	624	20	280	500	900	20	2.1	20	10	5	180 ^{+3/-3}	30	100	5	-40 to +85	-40 to +100	
	Green		527	20	560	1,000	1,800	20	3.5	20	—	—	180 ^{+3/-3}	30	100	—	-40 to +85	-40 to +100	
	Blue		470	20	140	300	560	20	3.3	20	—	—	180 ^{+3/-3}	30	100	—	-40 to +85	-40 to +100	
3色側視型																			
Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)											Absolute Maximum Ratings (T _a =25°C)					
			Dominant Wavelength λ _D		Luminous Intensity I _v					Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)							
 3 Colors Side View type 6.9x2.2 (t=2.15)	Red	MSL0104RGBU ^{*5}	624	20	450	700	1,100	20	2.1	20	10	5	400 ^{+3/-3}	50	100	5	-40 to +85	-40 to +100	
	Green		527	20	710	1,200	1,800	20	3.3	20	—	—	400 ^{+3/-3}	40	100	—	-40 to +85	-40 to +100	
	Blue		470	20	220	400	560	20	3.2	20	—	—	400 ^{+3/-3}	40	100	—	-40 to +85	-40 to +100	
	Red	MSL0104RGBW ^{*4}	624	20	450	700	1,100	20	2.1	20	10	5	400 ^{+3/-3}	50	100	5	-40 to +85	-40 to +100	
	Green		527	20	710	1,200	1,800	20	3.3	20	—	—	400 ^{+3/-3}	40	100	—	-40 to +85	-40 to +100	
Blue	470		20	220	400	560	20	3.2	20	—	—	400 ^{+3/-3}	40	100	—	-40 to +85	-40 to +100		
 2.9x1.35 (t=1.0)	Red	MSL0601RGBU	624	20	600	700	830	20	2.1	20	10	5	300 ^{+2/-3}	40	100	5	-40 to +85	-40 to +100	
	Green		527	20	1,100	1,250	1,500	20	3.3	20	10	5	300 ^{+2/-3}	30	100	5	-40 to +85	-40 to +100	
	Blue		470	20	290	360	500	20	3.2	20	10	5	300 ^{+2/-3}	30	100	5	-40 to +85	-40 to +100	

*1 Duty ≤ 1/20, 1ms
 *2 三色亮灯时总允许损耗(DC驱动, 三色同时亮灯时绝对最大额定值为分别亮灯时的30%以下)
 *3 50mm×50mm、基材: FR4: t=1.6mm 铜箔: t=0.07mm *4 环氧树脂
 *5 硅树脂

低电流型																			
Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)											Absolute Maximum Ratings (T _a =25°C)					
			Dominant Wavelength λ _D / Chromaticity Coordinates (x, y)		Luminous Intensity I _v					Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
			Typ* (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)							
 PICOLED™eco 1.0x0.6 (t=0.2)	Red	SML-P11VT (R)	626	1	2	4	6	1	1.8	1	10	5	50	20	100 ^{*1}	5	-40 to +85	-40 to +100	
		SML-P11UT (R)	621	1	1	3	6	1	1.8	1	10	5	50	20	100 ^{*1}	5	-40 to +85	-40 to +100	
	Orange	SML-P11DT (R)	605	1	4	7	16	1	1.9	1	10	5	52	20	100 ^{*1}	5	-40 to +85	-40 to +100	
	Yellow	SML-P11YT (R)	586	1	4	8	16	1	1.9	1	10	5	52	20	100 ^{*1}	5	-40 to +85	-40 to +100	
	Yellow Green	SML-P11MT (R)	569	1	1	2	4	1	1.9	1	10	5	54	20	100 ^{*1}	5	-40 to +85	-40 to +100	
 PICOLED™ 1.0x0.6 (t=0.2)	Green	SMLP14ECNW	527	5	56	110	220	5	3.0	5	100	5	34	10	50 ^{*1}	5	-40 to +85	-40 to +100	
	Blue	SMLP14BCNW	470	5	9	25	56	5	2.9	5	100	5	33	10	50 ^{*1}	5	-40 to +85	-40 to +100	
	White	SMLP14WBCN1W	(x, y) (0.30, 0.30)	5	90	180	360	5	2.9	5	100	5	33	10	50 ^{*1}	5	-40 to +85	-40 to +100	
  (WB)	Red	New CSL1901VW	630	2	1.6	4.8	6.3	2	1.8	2	10	5	44	20	100 ^{*1}	5	-40 to +85	-40 to +100	
		New CSL1901UW	620	2	2.5	6	10	2	1.8	2	10	5	44	20	100 ^{*1}	5	-40 to +85	-40 to +100	
	Orange	New CSL1901DW	605	2	6.3	9.4	25	2	1.8	2	10	5	44	20	100 ^{*1}	5	-40 to +85	-40 to +100	
	Yellow	New CSL1901YW	590	2	6.3	9.4	25	2	1.8	2	10	5	44	20	100 ^{*1}	5	-40 to +85	-40 to +100	
	Yellow Green	New CSL1901MW	570	2	1	3	4	2	1.8	2	10	5	44	20	100 ^{*1}	5	-40 to +85	-40 to +100	
	Green	SMLD12EN1W	527	5	56	140	220	5	3.0	5	10	5	70	20	100 ^{*1}	5	-40 to +100	-40 to +100	
	Blue Green	SMLD12E2N1W	505	5	56	120	140	5	2.9	5	10	5	66	20	100 ^{*1}	5	-40 to +100	-40 to +100	
		SMLD12E3N1W	496	5	56	85	140	5	2.9	5	10	5	66	20	100 ^{*1}	5	-40 to +100	-40 to +100	
	Blue	SMLD12BN1W	470	5	14	40	56	5	2.9	5	10	5	66	20	100 ^{*1}	5	-40 to +100	-40 to +100	
1.6x0.8 (t=0.55)	White	SMLD12WBN1W	(x, y) (0.295, 0.280)	5	56	120	220	5	2.9	5	10	5	66	20	100 ^{*1}	5	-40 to +100	-40 to +100	
 1.6x0.8 (t=0.55)	Yellow Green	SML-D22MUW	570	5	6	10	16	5	2.0	5	10	5	67	25	100 ^{*1}	5	-40 to +105	-40 to +110	
	Red		620	5	10	16	25	5	1.9	5	10	5	65	25	100 ^{*1}	5	-40 to +105	-40 to +110	
	Yellow	SML-D22YVW	588	5	16	25	40	5	2.0	5	10	5	67	25	100 ^{*1}	5	-40 to +105	-40 to +110	
	Red		629	5	10	16	25	5	1.9	5	10	5	65	25	100 ^{*1}	5	-40 to +105	-40 to +110	
 1.3x1.5 (t=0.6)	Blue	SML522BUNW	470	5	9	22	36	5	2.9	5	10	5	66	20	60 ^{*1}	5	-40 to +85	-40 to +100	
	Red		624	5	10	21	40	5	1.9	5	10	5	50	20	60 ^{*1}	5	-40 to +85	-40 to +100	

*1 Duty ≤ 1/10, 1kHz
 *关于白色, 用色度坐标(x, y)标记。
 注: PICOLED™ 是 ROHM Co., Ltd. 的商标或注册商标。

贴片LED(车载适用品)

车载适用型 模具型0603(1608M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)											Absolute Maximum Ratings (T _a =25°C)						Automotive Grade AEC-Q101/ AEC-Q102
			Dominant Wavelength λ _d / Chromaticity Coordinates (x, y)		Luminous Intensity I _v					Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)	
			Typ* (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)								
  (WB)	Red	SML-D15VW (C)	630	20	71	90	112	20	2.0	20	10	12	84	35	100 ^{*1}	12	-40 to +100	-40 to +100	YES	
		SML-D13VW (C)			35.5	55	90						72	30						
		SML-D12V8W (C)			16	40	100						54	20						5
		SML-D15UW (C)	620	20	90	112	140	20	2.0	20	10	84	35	100 ^{*1}	12	-40 to +100	-40 to +100	YES		
		SML-D13UW (C)			56	85	72					30	5							
		SML-D12U8W (C)			25	63	160					54	20						5	
	SML-D15U2W (C)	615	20	112	140	180	20	2.0	20	10	12	84	35	100 ^{*1}	12	-40 to +100	-40 to +100	YES		
	Orange	SML-D15DW (C)	605	20	180	224	280	20	2.0	20	10	12	84	35	100 ^{*1}	12	-40 to +100	-40 to +100	YES	
		SML-D13DW (C)			71	120	180						72	30						
		SML-D12D8W (C)			40	100	250						54	20						5
	Yellow	SML-D15YW (C)	590	20	180	224	280	20	2.1	20	10	12	87	35	100 ^{*1}	12	-40 to +100	-40 to +100	YES	
		SML-D12Y8W (C)			25	63	160						54	20						5
		SML-D12W8W (C)	587.5	2	4.5	7.1	11.2	2	2.0	2	10	12	52	20	100 ^{*1}	12	-40 to +100	-40 to +100	YES	
		SML-D13WW (C)	587	20	71	110	180	20	2.1	20	10	12	75	30	100 ^{*1}	12	-40 to +100	-40 to +100	YES	
	Yellow Green	SML-D12M8W (C)	572	20	10	25	63	20	2.2	20	10	5	54	20	100 ^{*1}	5	-40 to +100	-40 to +100	YES	
		SML-D15MW (C)	571	20	56	71	90	20	2.1	20	10	12	87	35	100 ^{*1}	12	-40 to +100	-40 to +100	YES	
		SML-D13MW (C)			28	45	71						75	30						
	Green	SML-D13FW (C)	564	20	14	22	35.5	20	2.1	20	10	12	75	30	100 ^{*1}	12	-40 to +100	-40 to +100	YES	
		SML-D12P8W (C)	560	20	2.5	6.3	16	20	2.2	20	10	5	54	20	100 ^{*1}	5	-40 to +100	-40 to +100	YES	
	Blue	SMLD12BN1W (C)	470	5	14	40	56	5	2.9	5	10	12	66	20	100 ^{*1}	12	-40 to +100	-40 to +100	YES	
	1.6x0.8 (t=0.55)	White	SMLD12WBN1W (C)	(x, y) (0.295, 0.28)	5	56	120	220	5	2.9	5	10	12	66	20	100 ^{*1}	12	-40 to +100	-40 to +100	YES
 1.6x0.8 (t=1.06)	Green	CSL1001ET (C)	527	5	90	140	224	5	3.0	5	10	5	35	10	50 ^{*1}	5	-40 to +100	-40 to +100	YES	
	Blue	CSL1001BT (C)	470	1	4	6	8	1	2.8	1	10	5	33	10	50 ^{*1}	5	-40 to +100	-40 to +100	YES	

车载适用型 模具型0805(20125M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)											Absolute Maximum Ratings (T _a =25°C)					Automotive Grade AEC-Q101, AEC-Q102	
			Dominant Wavelength λ _d / Chromaticity Coordinates (x, y)		Luminous Intensity I _v					Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FM} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)		Storage Temperature T _{stg} (°C)
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)								
 2.0x1.25 (t=0.8)	Red	SML-H12V8T (C)	630	20	16	25	63	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100	YES	
		SML-H12U8T (C)	620	20	25	40	100	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100	YES	
	Orange	SML-H12D8T (C)	605	20	40	63	160	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100	YES	
	Yellow	SML-H12Y8T (C)	590	20	40	63	160	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100	YES	
	Yellow Green	SML-H12M8T (C)	572	20	10	25	40	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100	YES	
	Green	SML-H12P8T (C)	560	20	2.5	4	10	20	2.2	20	10	5	54	20	100*2	5	-40 to +85	-40 to +100	YES	

车载适用型 折射型0603(1608M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)											Absolute Maximum Ratings (T _a =25°C)						Automotive Grade AEC-Q101/ AEC-Q102
			Dominant Wavelength λ _d / Chromaticity Coordinates (x, y)		Luminous Intensity I _v					Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature Topr (°C)	Storage Temperature Tstg (°C)	
			Typ* (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)								
 1.6x0.8 (t=0.55)	White	New CSL1101WBAW (C)	(x, y) (0.282, 0.249)	5	90	155	220	5	2.9	5	10	5	68	20	100*1	5	-40 to +110	-40 to +110	YES	
		New CSL1101WBBW (C)	(x, y) (0.261, 0.261)	5	90	155	220	5	2.9	5	10	5	68	20	100*1	5	-40 to +110	-40 to +110	YES	
		New CSL1101WBCW (C)	(x, y) (0.303, 0.294)	5	90	155	220	5	2.9	5	10	5	68	20	100*1	5	-40 to +110	-40 to +110	YES	
		New CSL1101WBDW (C)	(x, y) (0.284, 0.303)	5	90	155	220	5	2.9	5	10	5	68	20	100*1	5	-40 to +110	-40 to +110	YES	
		New CSL1102WBAW (C)	(x, y) (0.282, 0.249)	20	710	1,000	1,400	20	3.2	20	10	5	152	40	100*1	5	-40 to +110	-40 to +110	YES	
		New CSL1102WBBW (C)	(x, y) (0.261, 0.261)	20	710	1,000	1,400	20	3.2	20	10	5	152	40	100*1	5	-40 to +110	-40 to +110	YES	
		New CSL1102WBCW (C)	(x, y) (0.303, 0.294)	20	710	1,000	1,400	20	3.2	20	10	5	152	40	100*1	5	-40 to +110	-40 to +110	YES	
New CSL1102WBDW (C)	(x, y) (0.284, 0.303)	20	710	1,000	1,400	20	3.2	20	10	5	152	40	100*1	5	-40 to +110	-40 to +110	YES			

车载适用型 折射型0805(20125M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)											Absolute Maximum Ratings (T _a =25°C)						Automotive Grade AEC-Q101, AEC-Q102
			Dominant Wavelength λ _d / Chromaticity Coordinates (x, y)		Luminous Intensity I _v					Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)	
			Typ* (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)								
 (WB) 2.0x1.25 (t=0.8)	Green	SMLMN2ECT (C)	527	5	56	140	360	5	3.0	5	10	12	70	20	100*2	12	-40 to +100	-40 to +100	YES	
	Blue	SMLMN2BCT (C)	470	5	14	36	90	5	2.9	5	10	12	68	20	100*2	12	-40 to +100	-40 to +100	YES	
	White	SMLMN2WB1CW (C)	(x, y) (0.30, 0.28)	5	56	140	220	5	2.9	5	10	12	68	20	100*2	12	-40 to +100	-40 to +100	YES	

*1 Duty ≤ 1/10, 1kHz *2 Duty ≤ 1/10, 1kHz

*关于白色, 用色度坐标(x, y)标记。

贴片LED(车载适用品)

车载适用型 折射型PLCC(3528M)

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)						Automotive Grade AEC-Q101/ AEC-Q102
			Dominant Wavelength λ _D		Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)	
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)							
 3.5×2.8 (t=1.9)	Red	SML-Z14VT (C)	630	20	56	112	180	20	1.9	20	10	12	168	70	200*2	12	-40 to +100	-40 to +100	YES
		SML-Z14UT (C)	620	20	112	224	355	20	1.9	20	10	12	168	70	200*2	12	-40 to +100	-40 to +100	YES
	Orange	SML-Z14DT (C)	605	20	140	280	450	20	1.9	20	10	12	168	70	200*2	12	-40 to +100	-40 to +100	YES
	Yellow	SML-Z14YT (C)	589	20	140	280	450	20	2.0	20	10	12	175	70	200*2	12	-40 to +100	-40 to +100	YES
	Yellow Green	SML-Z14MT (C)	571	20	45	90	140	20	2.0	20	10	12	175	70	200*2	12	-40 to +100	-40 to +100	YES
	Green	SML-Z14FT (C)	564	20	22.4	45	71	20	2.0	20	10	12	175	70	200*2	12	-40 to +100	-40 to +100	YES
		SML-Z14PT (C)	560	20	11.2	22.4	35.5	20	2.0	20	10	12	175	70	200*2	12	-40 to +100	-40 to +100	YES
	Blue Green	SMLZ24E2N3T (C)	505	20	900	1,140	1,800	20	3.2	20	—	—	152	40	100*2	—	-40 to +100	-40 to +100	YES
	Blue	SMLZ24BN3T (C)	470	20	220	300	450	20	3.3	20	—	—	114	30	100*2	—	-40 to +100	-40 to +100	YES

车载适用型 可背面贴装型

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)						Automotive Grade AEC-Q101/ AEC-Q102
			Dominant Wavelength λ _D		Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FM} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)	
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _C (mA)	Max (μA)	V _R (V)							
 3.4x1.25 (t=1.1)	Red	SML-811VT (C)	630	10	11.2	22.4	45	10	1.95	10	100	5	62	25	100*2	5	-40 to +85	-40 to +100	YES
		SML-811UT (C)	620	10	11.2	22.4	45	10	1.95	10	100	5	62	25	100*2	5	-40 to +85	-40 to +100	YES
	Orange	SML-811DT (C)	605	10	11	22	45	10	2.0	10	100	5	62	25	100*2	5	-40 to +85	-40 to +100	YES
	Yellow	SML-811WT (C)	590	10	14	28	56	10	1.95	10	100	5	62	25	100*2	5	-40 to +85	-40 to +100	YES

车载适用型 带镜头的表面贴装型

Package (mm)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)						Automotive Grade AEC-Q101/ AEC-Q102
			Dominant Wavelength λ _D		Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)	
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _R (mA)	Typ (V)	I _R (mA)	Max (μA)	V _R (V)							
	Red	CSL0903VT (C)	630	20	560	800	1,120	20	2.1	20	10	12	87	35	100*1	12	-40 to +110	-40 to +110	YES
		CSL0902VT (C)			180	280	355						75	30					YES
		CSL0901VT (C)			140	180	280						75	30					YES
		CSL0903UT (C)	620	20	900	1,200	1,800	20	2.1	20	10	12	87	35	100*1	12	-40 to +110	-40 to +110	YES
		CSL0902UT (C)			280	450	560						75	30					YES
		CSL0901UT (C)			180	280	355						75	30					YES
	Orange	CSL0903DT (C)	605	20	900	1,400	1,800	20	2.1	20	10	12	87	35	100*1	12	-40 to +110	-40 to +110	YES
		CSL0902DT (C)			450	710	900						75	30					YES
		CSL0901DT (C)			280	400	560						75	30					YES
	Yellow	CSL0903YT (C)	590	20	560	800	1,120	20	2.1	20	10	12	87	35	100*1	12	-40 to +110	-40 to +110	YES
		CSL0902YT (C)			355	560	710						75	30					YES
		CSL0901YT (C)			224	320	450						75	30					YES
	Yellow Green	CSL0901WT (C)	587	20	180	280	355	20	2.1	20	10	12	75	30	100*1	12	-40 to +110	-40 to +110	YES
		CSL0901MT (C)	571	20	90	120	180	20	2.1	20	10	12	75	30	100*1	12	-40 to +110	-40 to +110	YES
		CSL0902MT (C)	570	20	112	150	224	20	2.1	20	10	12	87	35	100*1	12	-40 to +110	-40 to +110	YES
	Green	CSL0901PT (C)	560	20	14	25	35.5	20	2.1	20	10	12	75	30	100*1	12	-40 to +110	-40 to +110	YES
		CSL0902ET (C)	527	20	900	1,200	1,800	20	3.4	20	10	5	114	30	100*1	5	-40 to +110	-40 to +110	YES
		CSL0901ET (C)		5	220	360	450	5	3.0	5			70	20					YES
Blue	CSL0902BT (C)	470	20	220	360	450	20	3.3	20	10	5	114	30	100*1	5	-40 to +110	-40 to +110	YES	
	CSL0901BT (C)		5	45	56	90	5	2.9	5			68	20					YES	

1.6x0.8 (t=1.24)

车载适用型 3色型

Electrical and Optical Characteristics (T _a =25°C)																				Absolute Maximum Ratings (T _a =25°C)						Automotive Grade AEC-Q101/ AEC-Q102
Package (mm)	Emitting Color	Part No.	Dominant Wavelength λ _D		Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)								
			Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _F (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)														
 3.5×2.8 (t=0.6)	Red		621	20	600	750	900	20	2.1	20	10	5	400	50	100	5	-40 to +100	-40 to +100								
	Green	New SMLVN6RGBFU1 (C)	525	20	1,440	1,800	2,160	20	3.3	20	—	—	400	40	100	—	-40 to +100	-40 to +100	YES							
	Blue		470	20	320	430	540	20	3.3	20	—	—	400	40	100	—	-40 to +100	-40 to +100								

*1 Duty ≤ 1/10, 1kHz *2 Duty ≤ 1/10, 1kHz

贴片LED

●品名构成说明 (贴片LED)

[系列名称:SML或SCM]

■元件发光颜色为蓝(B)、绿(E)、白(WB)、RGB、2色蓝/红以外颜色时

系列名称	封装类型	元件类型	颜色	树脂颜色	引脚形状及卷带规格	光强等级
S M L — D 1 2 V 8 W T 8 6						
SML chip LED series	P1 1.0x0.6 t=0.2mm E1 1.6x0.8 t=0.36mm D1/D2 1.6x0.8 t=0.55mm H1 2.0x1.25 t=0.8mm M1 2.0x1.25 t=0.8mm D1/O2 3.0x2.0 t=1.3mm Z1/Y1 3.5x2.8 t=1.9mm A1 1.6x1.15 t=0.55mm S1/82 3.4x1.25 t=1.1mm S1 3.2x1.6 t=1.85mm P2 1.0x1.0 t=0.2mm S2 1.5x1.3 t=0.6mm	0 Low luminous intensity type 1 Low current type 2 High luminous intensity type 3 4 Ultra high luminous intensity type 5 8	L Red V Red U Red U2 Red D Orange Y3 Yellow Y Yellow W Yellow Y2 Yellow M2 Yellow green M Yellow green F Green P Green MV Yellow green/Red MU Yellow green/Red MD Yellow green/Orange MY Yellow green/Yellow YV Yellow/Red R Infrared T Phototransistor	T Transparent colorless W Milky white B Black	T86 Cathode at sprocket hole side (the top) (in case of S1 series) T86 Cathode at sprocket hole side (the back) T68 Cathode at sprocket hole side (the top)	请参考规格书
SCM chip LED series	01 3.0x1.5 t=2.2mm					

[系列名称:SML或SCM]

■元件发光颜色为蓝(B)、绿(E)、白(WB)、RGB、2色蓝/红时

系列名称	封装类型	元件类型	颜色	树脂颜色	引脚形状及卷带规格	光强等级
S M L E N 3 W B C 8 W 1						
SML chip LED series SCM chip LED series	P1 1.0x0.6 t=0.2mm EN 1.6x0.8 t=0.36mm D1 1.6x0.8 t=0.55mm MN/M2 2.0x1.25 t=0.8mm Z1/ZN 3.5x2.8 t=1.9mm A1 1.6x1.15 t=0.55mm S1 3.2x1.6 t=1.85mm S2 1.5x1.3 t=0.6mm P34 1.0x1.0 t=0.2mm P36 1.5x1.0 t=0.2mm VN 3.5x2.8 t=0.6mm 01 3.0x2.0 t=1.3mm K1/K2 4.5x2.0 t=0.6mm	2 High luminous intensity type 3 4 Ultra high luminous intensity type 6 8	E Green E2/E3 Blue Green B Blue PB Green SB Sapphire blue WB White BU Blue/Red RGB Red/Green/Blue	Resin color T Transparent Colorless W Milky white Resin (in case of VN6 series) U Silicone W Epoxy	T86 Cathode at sprocket hole side (the top) (白色、RGB时) 1 Cathode at sprocket hole side (the top) 3 Cathode at sprocket hole side (the top 2mm pitch) (仅S1系列、81系列时) T86 Cathode at sprocket hole side (the back) T68 Cathode at sprocket hole side (the top) *但是, 81系列没有“T68”。	请参考规格书

[系列名称:CSL]

系列名称	封装类型	颜色	树脂颜色	引脚形状及卷带规格	光强等级
C S L 0 7 0 1 D T 5					
CSL chip LED series	04 2.8x1.15 t=0.8mm 07 2.9x2.4 t=3.1mm 09 1.6x0.8 t=1.24mm 10 1.6x0.8 t=1.06mm 11 1.6x0.8 t=0.55mm 19 1.6x0.8 t=0.55mm	V Red U Red D Orange Y Yellow W Yellow M Yellow green P Green E Green B Blue WB White SB Sapphire blue	T Transparent Colorless W Milky white	1 Cathode at sprocket hole side (the top) 5 Cathode at sprocket hole side (big reel)	请参考规格书

[系列名称:MSL]

系列名称	封装类型	颜色	树脂颜色	引脚形状及卷带规格	光强等级
M S L 0 1 0 4 R G B U 1					
MSL Multi color series	01 6.9x2.2 t=2.15mm 06 2.9x1.35 t=1.0mm	RGB Red/Green/Blue	U Silicone W Epoxy	1 Cathode at sprocket hole side (the top)	请参考规格书

贴片LED

●外形尺寸图 (单位:mm)

〈模具类型〉

● SML-P1 series (PICOLED™)	● SMLP14 series (PICOLED™)	● SML-E1/EN series	● SML-D1 series
● CSL10 series	● CSL19 series	● SML-H1 series	

注：PICOLED™是ROHM Co., Ltd的商标或注册商标。

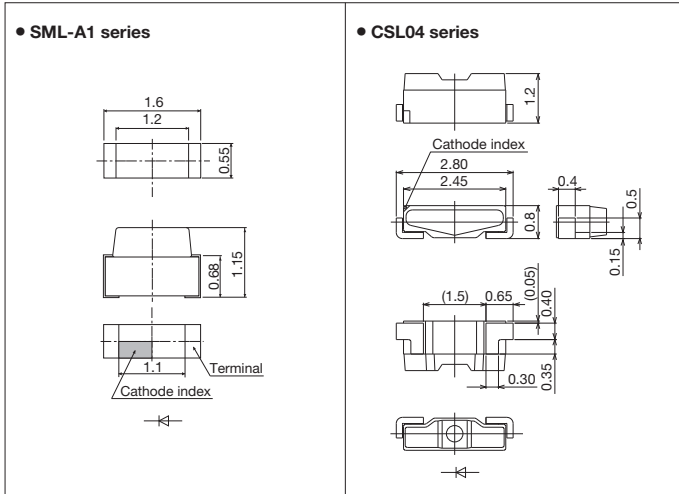
〈折射型〉

● SML-M1/MN series	● CSL11 series	● SML-Z1/Z2/ZN series
● SMLK1 series	● SML-O1 series	

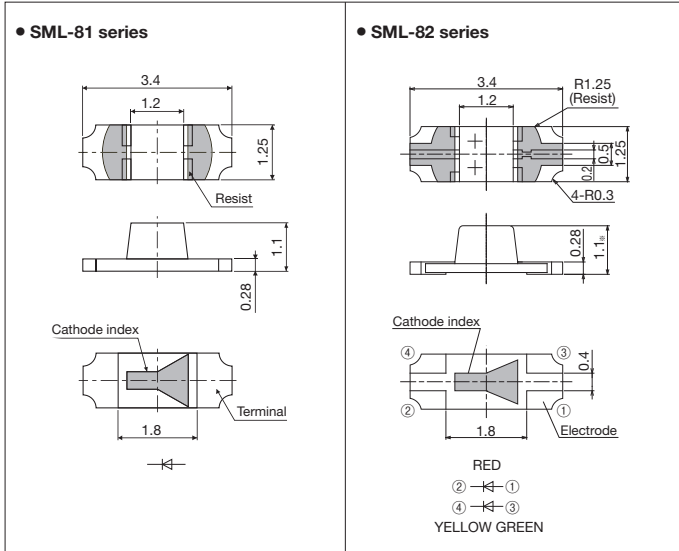
*详情请参考规格书。

●外形尺寸图 (单位:mm)

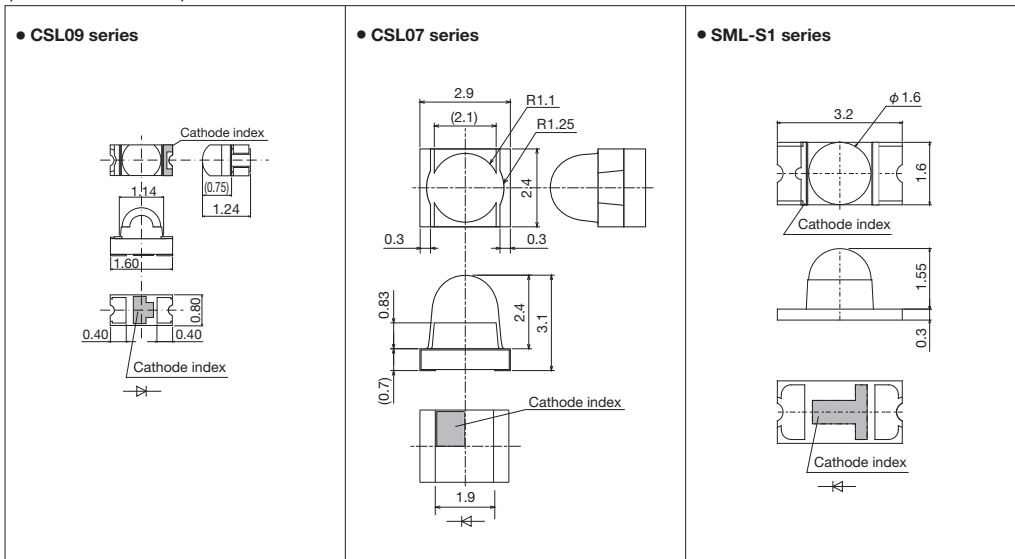
〈侧视型〉



〈可背面安装型〉



〈表面贴装透镜型〉

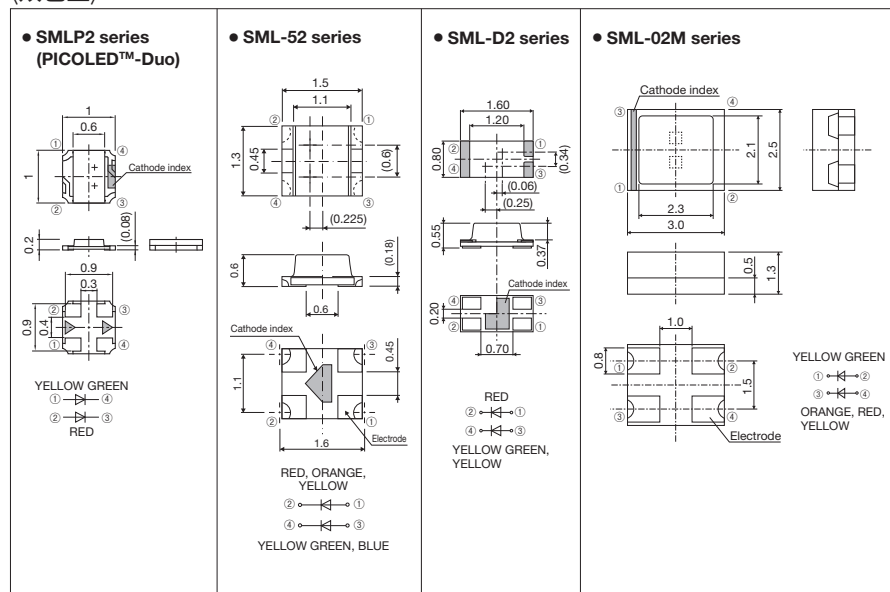


*详情请参考规格书。

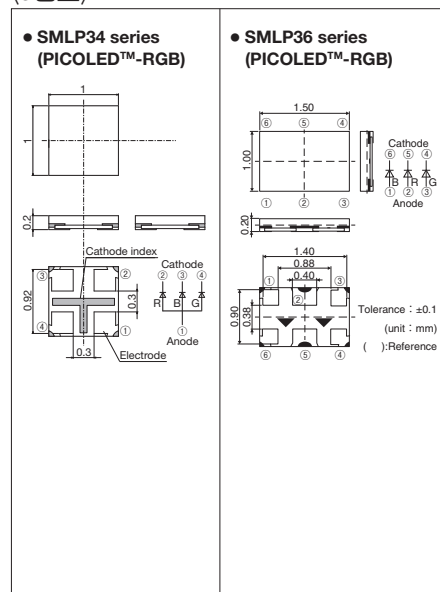
贴片LED

●外形尺寸图 (单位:mm)

〈双色型〉

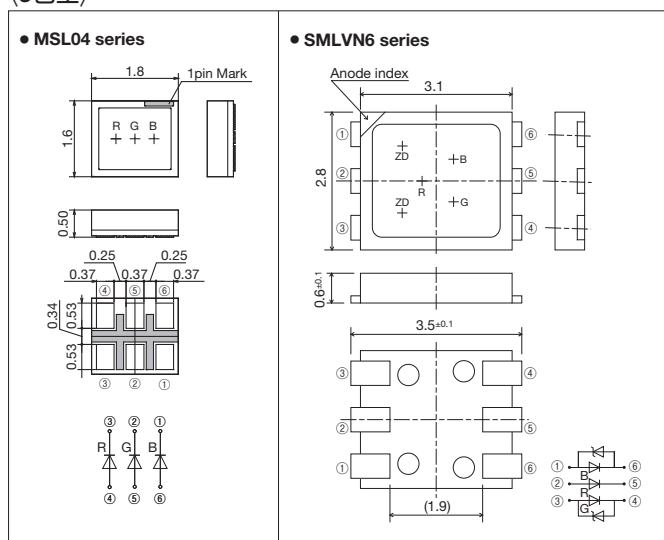


〈3色型〉

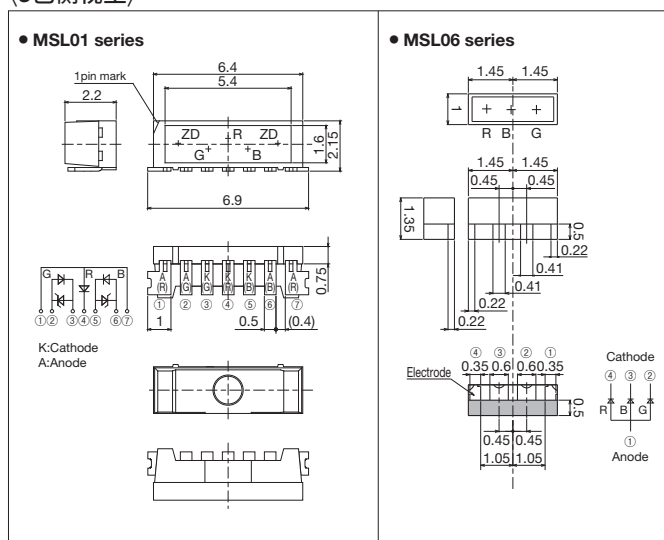


注：PICOLED™是ROHM Co., Ltd的商标或注册商标。

〈3色型〉



〈3色侧视型〉



*详情请参考规格书。

插件LED

绿色(M, P, E)光强一览表

Shape	Viewing Angle (2θ1/2)	Resin Color	Luminous intensity (mcd) If (mA)	2.2 to 3.6	3.6 to 5.6	5.6 to 9	9 to 18	18 to 28	28 to 45	45 to 56	56 to 71	71 to 110	110 to 220	220 to 330	330 to 710	710 to 900	900 to 1100	1100 to 1350	1350 to 1650	1650 to 2200	2200 to 3600	3600 to 5200	5200 to 7500	7500 to 10000	10000 to 20000	20000 to 36000											
	40°	Transparent Colored	20	SLI-343MC																																	
				SLI-343M8C																																	
			10	SLI-343P8C																																	
				SLR-343MC																																	
		Diffused Colored	20	SLR-343PC																																	
				SLI-343MG																																	
			10	SLI-343P8G																																	
				SLR-343MG																																	
	Transparent Colorless	20	SLR-343PG																																		
		85°	Diffused Colored	10	SLR-332MC																																
			Transparent Colored		SLR-332MG																																
φ3 Circular type (Direct mount 5mm pitch type)	40°	Transparent Colored	10	SLR-325MC																																	
φ3 Flat disc type	35°	Transparent Colored		SLR-325MG																																	
	50°	Diffused Colored	SLR-322MC																																		
φ4 Oval type	140°	Diffused Colored	20											SLI-430MG																							
φ5 Circular type	10°	Transparent Colorless	20											SLA-580MT																							
	20°													SLA-570MT																							
	40°	Transparent Colored	10	SLA-560MT																																	
		Diffused Colored		SLR-56MC																																	
	10°	Transparent Colorless	20	SLR-56MG																																	
	40°													SLA580ENT																							
				SLA560EN4T																																	

注：规格书所示光强包含±10%误差。

蓝色(B)光强一览表

Shape	Viewing Angle (2θ1/2)	Resin Color	Luminous intensity (mcd)	110 to 220	220 to 300	300 to 470	470 to 1000	1000 to 1350	1350 to 1500	1500 to 1650	1650 to 2200	2200 to 3000	3000 to 4700	4700 to 5500	5500 to 7500	7500 to 10000	10000 to 20000
φ3 Circular type	40°	Transparent Colorless	20	SLR343BN2T													
	10°	Transparent Colorless	20	SLR343BN4T													
φ5 Circular type	40°	Transparent Colorless	20	SLA580BNT													
	40°	Transparent Colorless	20	SLA560BN2T													
				SLA560BN4T													

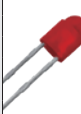
注：规格书所示光强包含±10%误差。

白色(WB)光强一览表

Shape	Viewing Angle (2θ1/2)	Resin Color	Luminous intensity (mcd)	220 to 330	330 to 470	470 to 680	680 to 1000	1000 to 1500	1500 to 2200	2200 to 3300	3300 to 4700	4700 to 6800	6800 to 10000	10000 to 15000
φ3 Circular type	40°	Transparent Colorless	20	SLR343WBN2PT										
φ5 Circular type	40°	Transparent Colorless	20	SLA560WBN2PT										

注：规格书所示光强包含±10%误差。

插件LED

φ3 型																															
Shape	Package Image	Viewing Angle 2θ1/2 (Element type)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)																
					Dominant Wavelength λ _d /Chromaticity Coordinates (x, y)		Luminous Intensity I _v				Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)											
					Typ* (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _R (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)																	
φ3 Circular type		40°	Red	SLI-343V8RC	639	20	150	330	(680)	20	2.2	20	10	9	54	20	100 ⁺²	9	-30 to +85	-40 to +100											
				SLI-343V8R			100	220	(470)																						
				SLI-343U8RC			630	150	330												(680)										
				SLI-343U8R				100	220												(470)										
			Orange	SLI-343D8C	611	20	330	680	(1,500)	20	2.2	20	10	9	54	20	100 ⁺²	9	-30 to +85	-40 to +100											
				SLI-343D8U			220	470	(1,000)																						
				SLI-343Y8C			593	330	680												(1,500)										
				SLI-343Y8Y				220	470												(1,000)										
			Yellow	SLI-343M8C	572	20	68	150	(330)	20	2.2	20	10	9	54	20	100 ⁺²	9	-30 to +85	-40 to +100											
				SLI-343M8G																											
				SLI-343P8C																											
				SLI-343P8G																											
		40°	High Luminous intensity	Red	SLI-343URC	630	20	90	450	(710)	20	1.9	20	100	9	125	50	200 ⁺²	9	-25 to +85	-30 to +100										
					SLI-343UR			350																							
					SLI-343DC			500																							
					SLI-343DU			350																							
				Orange	SLI-343YC	591	20	90	350	(710)	20	1.9	20	100	9	125	50	200 ⁺²	9	-25 to +85	-30 to +100										
					SLI-343YY			300																							
	SLI-343MC				572			200	—	20												2.1	20	100	9	62	25	100 ⁺²	9	-25 to +80	-30 to +100
	SLI-343MG							180																							
	Blue			New SLR343BN2T	470	20	470	1,000	2,200	20	3.2	20	10	5	126	30	100 ⁺²	5	-20 to +80	-30 to +100											
				New SLR343WBN2PT	(x, y) (0.31, 0.31)	20	1,500	3,300	—	20	3.2	20	10	5	126	30	100 ⁺²	5	-20 to +80	-30 to +100											
	40°	Standard	Red	SLR-343VC	650	10	9	25	(71)	10	2.0	10	10	3	60	20	60 ⁺¹	3	-25 to +85	-30 to +100											
				SLR-343VR			6	16	(45)																						
				SLR-343DC			9	25	(71)																						
				SLR-343DU			6	16	(45)																						
			Yellow	SLR-343YC	585	10	6	16	(45)	10	2.1	10	10	3	60	20	60 ⁺¹	3	-25 to +85	-30 to +100											
				SLR-343YY			4	10	(28)																						
				SLR-343MC			563	9	25												(71)										
				SLR-343MG				6	16												(45)										
			Green	New SLR343EN4T	523	20	900	2,200	—	20	3.2	20	100	5	120	30	100 ⁺²	5	-20 to +80	-30 to +100											
				New SLR343BN4T	468	20	300	680	—	20	3.2	20	100	5	120	30	100 ⁺²	5	-20 to +80	-30 to +100											
	40°	Low Current	Red	SLI-343URC (W)	630	20	36	200	(280)	20	1.9	20	100	9	125	50	200 ⁺²	9	-25 to +85	-30 to +100											
				SLI-343UR (W)			160																								
			Orange	SLI-343DC (W)	611	20	56	300	(450)	20	1.9	20	100	9	125	50	200 ⁺²	9	-25 to +85	-30 to +100											
				SLI-343DU (W)			250																								
			Yellow	SLI-343YC (W)	591	20	36	200	(280)	20	1.9	20	100	9	125	50	200 ⁺²	9	-25 to +85	-30 to +100											
				SLI-343YY (W)			160																								
	Standard	85°	Red	SLR-332VC	650	10	4	10	(28)	10	2.0	10	10	3	60	20	60 ⁺¹	3	-25 to +85	-30 to +100											
				SLR-332VR			6	16	(45)																						
			Orange	SLR-332DC	610	10	6	16	(45)	10	2.0	10	10	3	60	20	60 ⁺¹	3	-25 to +85	-30 to +100											
				SLR-332DU			4	10	(28)																						
			Yellow	SLR-332YC	585	10	4	10	(28)	10	2.1	10	10	3	60	20	60 ⁺¹	3	-25 to +85	-30 to +100											
				SLR-332YY			2	6	(18)																						
		Yellow Green	SLR-332MC	563	10	6	16	(45)	10	2.1	10	10	3	75	25	60 ⁺¹	3	-25 to +85	-30 to +100												
			SLR-332MG																												
			φ5 Circular type	High Luminous intensity	20°	Red	SLI-570UT	630	20	900	3,000	(5,200)	20	1.9	20	100	9	125	50	200 ⁺²	9	-30 to +85	-40 to +100								
							SLI-570U2T			2,200	4,000	(10,000)																			
Orange	SLI-570DT					611	20	900	3,000	(5,200)	20	1.9	20	100	9	125	50	200 ⁺²	9	-30 to +85	-40 to +100										
	SLI-570YT							610	2,500	(3,600)																					
Yellow	SLI-570Y2T					591	20	2,200	5,200	(10,000)	20	2.1	20	100	9	125	50	200 ⁺²	9	-30 to +85	-40 to +100										
	SLA-570MT							200	470	(1,100)																					
40°	High Luminous intensity				Red	SLI-560UT	630	20	300	1,000	(1,650)	20	1.9	20	100	9	125	50	200 ⁺²	9	-30 to +85	-40 to +100									
						SLI-560DT			300	1,000	(1,650)																				
					Yellow	SLI-560YT	591	20	300	1,000	(1,650)	20	1.9	20	100	9	125	50	200 ⁺²	9	-30 to +85	-40 to +100									
						SLA-560MT			42	100	(240)																				
					Blue	New SLA560BN2T	470 ⁺³	20	1,000	2,200	4,700	20	3.2	20	10	5	126	30	100 ⁺²	5	-20 to +80	-30 to +100									
						New SLA560WBN2PT	(x, y) (0.31, 0.31)	20	1,500	3,300	6,800	20	3.2	20	10	5	126	30	100 ⁺²	5	-20 to +80	-30 to +100									
40°	Standard			Red	SLR-56VC	650	10	9	25	(71)	10	2.0	10	10	3	60	20	60 ⁺¹	3	-25 to +85	-30 to +100										
					SLR-56VR			4	10	(28)																					
				Orange	SLR-56DC	610	10	9	25	(71)	10	2.0	10	10	3	60	20	60 ⁺¹	3	-25 to +85	-30 to +100										
					SLR-56DU			4	10	(28)																					
				Yellow	SLR-56YC	585	10	9	25	(71)	10	2.1	10	10	3	60	20	60 ⁺¹	3	-25 to +85	-30 to +100										
					SLR-56YY			6	16	(45)																					
Yellow Green	SLR-56MC	563	10	14	40	(110)	10	2.1	10	10	3	75	25	60 ⁺¹	3	-25 to +85	-30 to +100														
	SLR-56MG			6	16	(45)																									
 (SLR-56)	Standard	Green	New SLA560EN4T	523	20	1,350	3,000	—	20	3.2	20	100	5	120	30	100 ⁺²	5	-20 to +80	-30 to +100												
			New SLA560BN4T	468	20	300	680	—	20	3.2	20	100	5	120	30	100 ⁺²	5	-20 to +80	-30 to +100												
		Blue	New SLR-56VC	470	20	900	3,000	(5,200)	20	1.9	20	100	9	125	50	200 ⁺²	9	-30 to +85	-40 to +100												
			SLR-56VR																												
		Yellow	SLR-56YC	585	10	9	25	(71)	10	2.1	10	10	3	60	20	60 ⁺¹	3	-25 to +85	-30 to +100												
			SLR-56YY			6	16	(45)																							
Yellow Green	SLR-56MC	563	10	14	40	(110)	10	2.1	10	10	3	75	25	60 ⁺¹	3	-25 to +85	-30 to +100														
	SLR-56MG			6	16	(45)																									

插件LED

椭圆形																					
Shape	Package Image	Viewing Angle 2θ1/2 (Element type)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)						
					Dominant Wavelength λ _D		Luminous Intensity I _v					Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
					Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _R (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)							
Oval type φ4		140°	Red	SLI-430U2R	620*3	20	220	400	(680)	20	2.0	20	10	9	75	30	100*2	9	-40 to +85	-40 to +100	
			Orange	SLI-430DU	605*3	20	220	470	(680)	20	2.1	20	10	9	75	30	100*2	9	-40 to +85	-40 to +100	
			Yellow	SLI-430Y2U	590*3	20	330	500	(900)	20	2.1	20	10	9	75	30	100*2	9	-40 to +85	-40 to +100	
			Yellow Green	SLI-430MG	570*3	20	68	120	(220)	20	2.1	20	10	9	75	30	100*2	9	-40 to +85	-40 to +100	
特殊型																					
Shape	Package Image	Viewing Angle 2θ1/2 (Element type)	Emitting Color	Part No.	Electrical and Optical Characteristics (T _a =25°C)										Absolute Maximum Ratings (T _a =25°C)						
					Dominant Wavelength λ _D		Luminous Intensity I _v					Forward Voltage V _F		Reverse Current I _R		Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
					Typ (nm)	I _F (mA)	Min (mcd)	Typ (mcd)	Max (mcd)	I _R (mA)	Typ (V)	I _F (mA)	Max (μA)	V _R (V)							
φ3.2 Circular type Direct Mount 5mm Pitch type		40°	Red	SLI-325URC (W)*1	630	20	36	160	(280)	20	1.9	20	100	4	48	20	60*1	4	-25 to +85	-30 to +100	
				SLI-325UR (W)*1				100	(280)												
				SLI-325DC (W)*1				100	(280)												
			Orange	SLI-325DU (W)*1	611	20	36	160	(280)	20	1.9	20	100	4	48	20	60*1	4	-25 to +85	-30 to +100	
				SLI-325DU (W)*1				100	(280)												
				SLI-325YC (W)*1				100	(280)												
		40°	Red	SLR-325VC*1	650	10	6	16 (45)	10	2.0	10	10	3	60	20	60*1	3	-25 to +85	-30 to +100		
				SLR-325VR*1			4	10 (28)													
				SLR-325DC*1			6	16 (45)													
			Orange	SLR-325DU*1	610	10	4	10 (28)	10	2.0	10	10	3	60	20	60*1	3	-25 to +85	-30 to +100		
				SLR-325DU*1			6	16 (45)													
				SLR-325YC*1			9	25 (71)													
		50°	Yellow	SLR-325MC*1	585	10	6	16 (45)	10	2.1	10	10	3	60	20	60*1	3	-25 to +85	-30 to +100		
				SLR-325MC*1			9	25 (71)													
				SLR-325MG*1			6	16 (45)													
			50°	Yellow Green	SLR-325MC*1	563	10	6	16 (45)	10	2.1	10	10	3	75	25	60*1	3	-25 to +85	-30 to +100	
					SLR-325MC*1			9	25 (71)												
					SLR-325MG*1			6	16 (45)												
φ3 Flat Disc type		35°		Red	SLR-322VC	650	10	6	16 (45)	10	2.0	10	10	3	60	20	60*1	3	-25 to +85	-30 to +100	
					SLR-322DC			6	16 (45)												
					SLR-322YC			10	4 10 (28)												
			Yellow	SLR-322YC	585	10	4	10 (28)	10	2.1	10	10	3	60	20	60*1	3	-25 to +85	-30 to +100		
				SLR-322YC			10	4 10 (28)													
				SLR-322MC			9	25 (71)													
		50°	Red	SLR-322VR	650	10	4	10 (45)	10	2.0	10	10	3	60	20	60*1	3	-25 to +85	-30 to +100		
				SLR-322VR			4	10 (45)													
				SLR-322DU			2	6 (18)													
			Orange	SLR-322DU	610	10	2	6 (18)	10	2.0	10	10	3	60	20	60*1	3	-25 to +85	-30 to +100		
				SLR-322DU			2	6 (18)													
				SLR-322YY			4	10 (28)													
50°	Yellow	SLR-322YY	585	10	4	10 (28)	10	2.1	10	10	3	60	20	60*1	3	-25 to +85	-30 to +100				
		SLR-322YY			4	10 (28)															
		SLR-322MG			6	16 (45)															
	Yellow Green	SLR-322MG	563	10	6	16 (45)	10	2.1	10	10	3	75	25	60*1	3	-25 to +85	-30 to +100				
		SLR-322MG			6	16 (45)															
		SLR-322MG			6	16 (45)															

*SLI-325/SLR-325系列仅支持直型包装。

*1 Duty ≤ 1/5, 200Hz *2 Duty ≤ 1/10, 1kHz *3 主波长

(): 参考值

●品名构成说明 (插件LED)

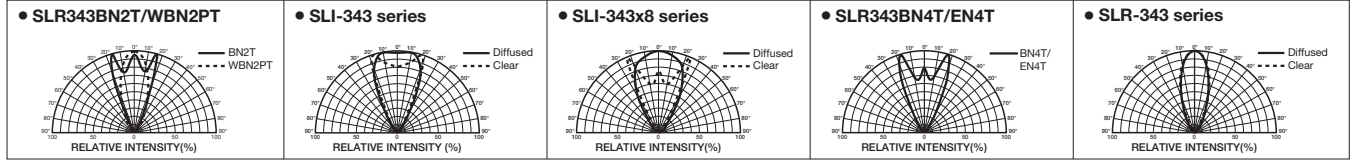
■元件发光颜色为蓝(B)、绿(E)、白(WB)以外颜色时

元件分类代码				特别记载		特别管理代码											
S	L	I	—	3	4	3	V		8	R	C	3	F				
系列名称				封装类型		颜色			树脂颜色		包装规格				光强等级		
															请参考规格书		
SLA	1-Die Circular type High Luminous intensity LED Lamps			343	ø3 Circular type	V	Red		R	<Red>-Diffused colored		3F	1-Die straight bulk				
				332	ø3 Circular type	U	Red		U	<Orange>-Diffused colored		T31					
SLI	1-Die Circular type Low Current High Luminous intensity LED Lamps			56	ø5 Circular type	U2	Red		Y	<Yellow>-Diffused colored		T32	Refer to taping specification				
				560	ø5 Circular type	D	Orange		G	<Yellowish green>-Diffused colored							
				570	ø5 Circular type	Y	Yellow		C	Transparent colored							
SLR	1-Die Circular type LED Lamp			580	ø5 Circular type	Y2	Yellow		T	Transparent colorless							
				430	Oval type ø4	M	Yellowish green										
				325	ø3.2 Circular type	P	Green										
				322	ø3 Flat disc type												

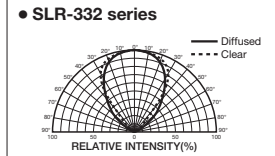
插件LED

●指向性 (单位:deg)

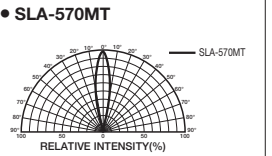
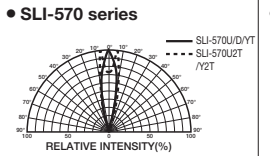
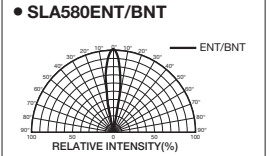
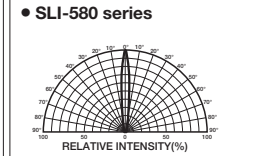
〈φ3 型〉



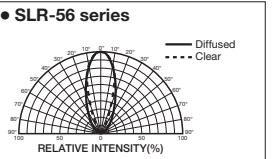
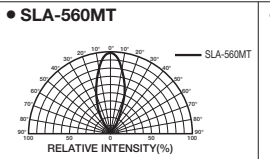
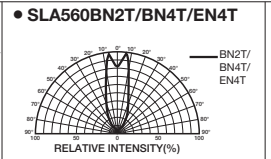
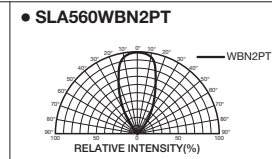
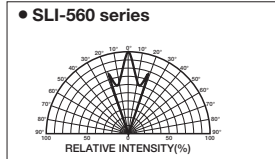
〈φ3 型〉



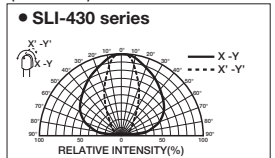
〈φ5 型〉



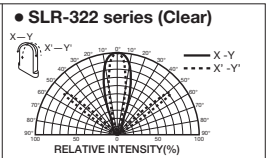
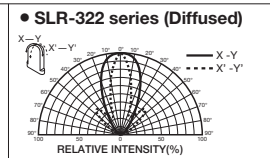
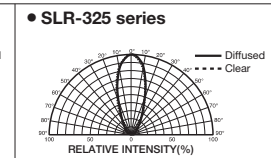
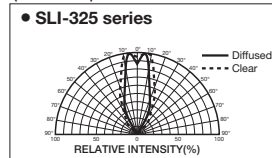
〈φ5 型〉



〈椭圆型〉



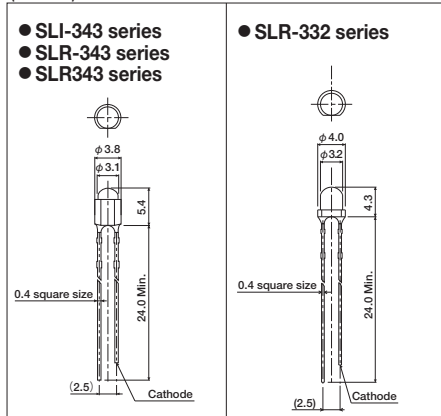
〈特殊型〉



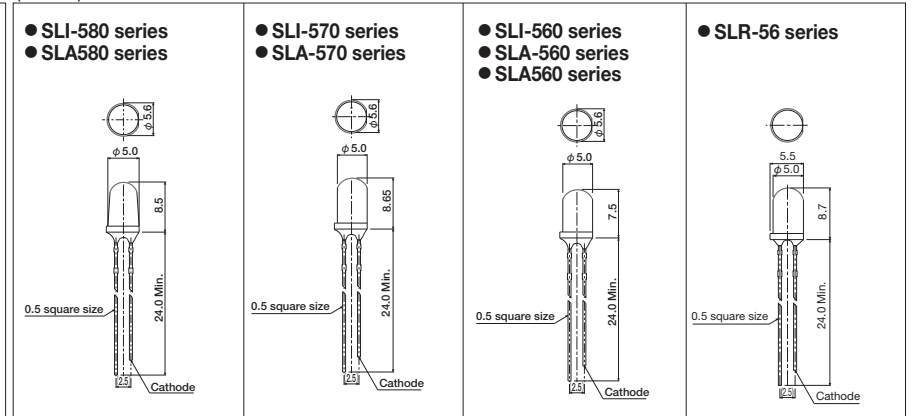
注：指向性只记载标准特性。上述以外类型请另行垂询。

●外形尺寸图 (单位:mm)

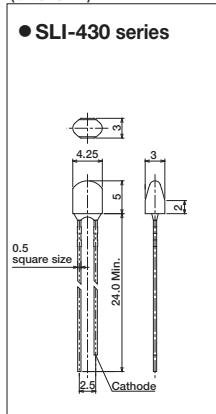
〈φ3 型〉



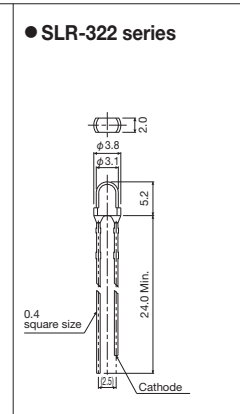
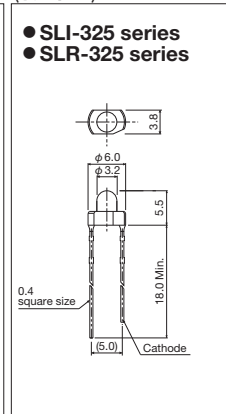
〈φ5 型〉



〈椭圆型〉



〈特殊型〉



*详情请参考规格书。