

## List of Component

No. PN000022\_Rev.A

Item Light Emiting Diode

Part No. SML-D15DWT86

Product mass 1.33277 mg

	Date	2021/06/30
Company Name	ROHM Co., Ltd.	
Address	21,Saiin Mizosaki-cho, Ukyo-ku, Kyoto 615-8585, Japan	

No.	Part Name	Substance Name	CAS No.	Mass (mg)	Concentration (wt%)	Remark
1	Substrate	Epoxy resin	-	0.110033	53.14010	
2		GlassCloth	-	0.097029	46.85990	
3	Electrode-Cu	Copper	7440-50-8	0.425628	99.95302	
4		Chromium and Chromium Compounds(III)	-	0.000200	0.04698	
5	Electrode-Ni	Nickel	7440-02-0	0.120036	99.11621	
6		Zinc	7440-66-6	0.001000	0.82597	
7		Arsenic	7440-38-2	0.000070	0.05782	
8	Electrode-Au	Gold	7440-57-5	0.005001	100.00000	
9	Resist Ink	Epoxy Resin	-	0.002341	65.00000	
10		Acrylic resin	_	0.000058	1.61111	
11		Dye	_	0.000248	6.88889	
12		Barium sulfate	7727-43-7	0.000954	26.50000	
13	Die-Bonging Paste	Silver	7440-22-4	0.040512	81.00000	
14		Epoxy resin	-	0.006002	12.00000	
15		Others	-	0.003501	7.00000	
16	Bonding wire	Gold	7440-57-5	0.010003	100.00000	
17	Resin	Epoxy resin	-	0.354957	75.50000	
18		Silica	60676-86-0	0.069111	14.70000	
19		Others	-	0.046074	9.80000	
20	LED Die	Gallium	7440-55-3	0.023207	58.00000	
21		Arsenic	7440-38-2	0.015205	38.00000	
22		Indium	7440-74-6	0.000300	0.75000	
23		Aluminum	7429-90-5	0.000100	0.25000	
24		Gold	7440-57-5	0.000500	1.25000	
25		Others	_	0.000400	1.00000	
26		Phosphorus	7723-14-0	0.000300	0.75000	

## Remarks

- All information in this document is furnished for exploratory or indicative purposes only.
- This information provides estimates of the average weights and content of component materials. And does not include impurities or metals diffused in the silicon.
- $\cdot \text{ The contained volume/mass is a calculated value. For this reason, there are cases when the total volume/mass may differ from the product volume/mass.}$
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