



# List of Component

No. PN000460 Rev.A

Date 2021/06/28

Item	Light Emitting Diode
Part No.	CSL0701DT5
Product mass	19.9963 mg

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	-	1.718100	33.25720	
2		GlassCloth	-	3.448000	66.74280	
3	Electrode-Cu	Copper	7440-50-8	2.610801	57.43197	
4		Chromium and Chromium Compounds(III)	-	0.000300	0.00660	
5		Titanium Chemical Compound	7440-32-6	1.934800	42.56143	
6	Electrode-Ni	Nickel	7440-02-0	0.251399	95.69852	
7		Zinc	7440-66-6	0.010500	3.99695	
8		Arsenic	7440-38-2	0.000800	0.30453	
9	Electrode-Au	Gold	7440-57-5	0.022600	100.00000	
10	Resist Ink	Epoxy Resin	-	0.017549	65.00000	
11		Barium sulfate	7727-43-7	0.007155	26.50000	
12		Acrylic resin	-	0.000432	1.60000	
13		Dye	-	0.001864	6.90000	
14	Die-Bonging Paste	Silver	7440-22-4	0.040501	81.00000	
15		Epoxy resin	-	0.006001	12.00000	
16		Others	-	0.003499	7.00000	
17	Bonding wire	Gold	7440-57-5	0.010000	100.00000	
18	Resin	Epoxy Resin	-	8.934159	90.50000	
19		Others	-	0.937840	9.50000	
20	LED Die	Gallium	7440-55-3	0.023200	58.00000	
21		Arsenic	7440-38-2	0.015201	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	0.000299	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.
- 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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