

Product	LED
Series	SML81xBC
Mass (mg)	4.999950

The RoHS directive, REACH regulation, and other laws and regulations related to the management of environmentally hazardous substances come into effect. When developing products, the global environmental load must be considered. ROHM pursues green procurement and endeavors to increase the detection accuracy of chemicals contained in parts and procured materials while at the same time placing great importance on the internal chemical management system that was built to ensure that no prohibited substances are procured, used, or shipped in order to provide a steady supply of worry-free products.

○ This item is in compliance with RoHS.

○ Pb free

製品本体 Product		部位重量 Part Weight (mg)	物質名 Substance Name	CAS No	含有量 Content Weight (mg)	含有率(%) 〈/製品重量〉 Content per Product Weight	含有率(%) 〈/構成材料〉 Content per Part Weight
1	基板 Substrate	基材 Substrate Material	エポキシ樹脂 Epoxy Resin	—	0.590000	11.8001	22.7892
			ガラスクロス Glass Cloth	—	0.530000	10.6001	20.4716
	端子処理 Electrode	レジスト Resist Ink	銅 Copper(Cu)	7440-50-8	1.120000	22.4002	43.2608
			クロム及び3価クロム化合物 Chromium Chemical Compound	—	0.000020	0.0004	0.0008
			チタン化合物 Titanium Chemical Compound	—	0.070000	1.4000	2.7038
			ニッケル Nickel(Ni)	7440-02-0	0.250000	5.0001	9.6564
			亜鉛 Zinc(Zn)	7440-66-6	0.000100	0.0020	0.0039
			砒素 Arsenic(As)	7440-38-2	0.000030	0.0006	0.0012
			金 Gold(Au)	7440-57-5	0.011000	0.2200	0.4249
			エポキシ樹脂 Epoxy Resin	—	0.008900	0.1780	0.3438
着色顔料 Dye	—	0.008900	0.1780	0.3438			
2	ダイボンディング材 Die-Bonding Paste	0.050000	銀 Silver(Ag)	7440-22-4	0.040500	0.8100	81.0000
			ビスフェノールA型エポキシ樹脂 Bisphenol A Epoxy Resin	9003-36-5	0.006000	0.1200	12.0000
			その他 Other	-	0.003500	0.0700	7.0000
3	ボンディングワイヤー Bonding wire	0.010000	金 Gold(Au)	7440-57-5	0.010000	0.2000	100.0000
4	封止樹脂 Resin	2.340000	エポキシ樹脂 Epoxy Resin	-	2.340000	46.8005	100.0000
5	LED素子 LED Die	0.011000	炭化シリコン Silicon carbide(SiC)	409-21-2	0.010700	0.2140	97.2727
			金 Gold(Au)	7440-57-5	0.000030	0.0006	0.2727
			その他 Other	—	0.000270	0.0054	2.4545
Total				—	4.999950	100.0000	

Disclaimer

- 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.
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