

Product	LED
Series	SCM-014TB
Mass (mg)	8.296236

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	0.499336	エポキシ樹脂 Epoxy Resin	—	0.190000	2.2902	38.0505
			ガラスクロス Glass Cloth	—	0.170000	2.0491	34.0452
			銅 Copper(Cu)	7440-50-8	0.100000	1.2054	20.0266
			クロム及び3価クロム化合物 Chromium Chemical Compound	—	0.000002	0.0000	0.0004
			チタン化合物 Titanium Chemical Compound	—	0.007700	0.0928	1.5420
			ニッケル Nickel(Ni)	7440-02-0	0.030000	0.3616	6.0080
			亜鉛 Zinc(Zn)	7440-66-6	0.000011	0.0001	0.0022
			砒素 Arsenic(As)	7440-38-2	0.000003	0.0000	0.0006
			金 Gold(Au)	7440-57-5	0.001400	0.0169	0.2804
			レジスト Resist Ink	0.00011	0.0013	0.0220	
2	ダイボンディング材 Die-Bonding Paste	0.050000	銀 Silver(Ag)	7440-22-4	0.040500	0.4882	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	0.0723	12.0000
			その他 Other	-	0.003500	0.0422	7.0000
3	ボンディングワイヤ Bonding wire	0.010000	金 Gold(Au)	7440-57-5	0.010000	0.1205	100.0000
4	封止樹脂 Resin	7.690000	ビスフェノールAジグリシルエーテル Bisphenol A diglycidyl ether(BADGE)	25068-38-6	6.982520	84.1649	90.8000
			その他 Other	—	0.707480	8.5277	9.2000
5	LED素子 LED Die	0.046900	シリコン Silicone(Si)	7440-21-3	0.046000	0.5545	98.0810
			金 Gold(Au)	7440-57-5	0.000500	0.0060	1.0661
			その他 Other	—	0.000400	0.0048	0.8529
Total				—	8.296236	100.0000	

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- 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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