

Product	LED
Series	SML-E1x8
Mass (mg)	0.904500

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								
No	構成材料 Material Name		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	0.440000	エポキシ樹脂 Epoxy Resin	—	0.067600	7.4737	15.3636
				ガラスクロス Glass Cloth	—	0.058600	6.4787	13.3182
		端子処理 Electrode		銅 Copper(Cu)	7440-50-8	0.260000	28.7452	59.0909
				チタン化合物 Titanium Chemical Compound	—	0.014000	1.5478	3.1818
				ニッケル Nickel(Ni)	7440-02-0	0.038689	4.2774	8.7930
				亜鉛 Zinc(Zn)	7440-66-6	0.000010	0.0011	0.0023
				砒素 Arsenic(As)	7440-38-2	0.000001	0.0001	0.0002
				金 Gold(Au)	7440-57-5	0.000300	0.0332	0.0682
		レジスト Resist Ink		エポキシ樹脂 Epoxy Resin	—	0.000400	0.0442	0.0909
				着色顔料 Dye	—	0.000400	0.0442	0.0909
2	ダイボンディング材 Die-Bonding Paste	0.050000	銀 Silver(Ag)	7440-22-4	0.040500	4.4776	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	0.6633	12.0000	
			その他 Other	-	0.003500	0.3870	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	1.1056	100.0000	
4	封止樹脂 Resin	0.400000	ビスフェノールAジグリシジルエーテル Bisphenol A diglycidyl ether(BADGE)	25068-38-6	0.352000	38.9165	88.0000	
			二酸化珪素 Silicon dioxide(SiO2)	60676-86-0	0.012400	1.3709	3.1000	
			その他 Other	—	0.035600	3.9359	8.9000	
5	LED素子 LED Die	0.004500	ガリウム Gallium(Ga)	7440-55-3	0.002610	0.2886	58.0000	
			砒素 Arsenic(As)	7440-38-2	0.001710	0.1891	38.0000	
			インジウム Indium(In)	7440-74-6	0.000034	0.0037	0.7500	
			アルミニウム Aluminum(Al)	7429-90-5	0.000012	0.0013	0.2600	
			リン Phosphorus(P)	7723-14-0	0.000033	0.0037	0.7400	
			金 Gold(Au)	7440-57-5	0.000056	0.0062	1.2500	
			その他 Other	—	0.000045	0.0050	1.0000	
Total					—	0.904500	100.0000	

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