

Product	LED
Series	SML-A1x8
Mass (mg)	3.064531

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	2.610031	エポキシ樹脂 Epoxy Resin	—	1.175000	38.3419	45.0186	
				ガラスクロス Glass Cloth	—	1.011000	32.9904	38.7352	
				銅 Copper(Cu)	7440-50-8	0.242000	7.8968	9.2719	
				クロム及び3価クロム化合物 Chromium Chemical Compound	—	0.000005	0.0002	0.0002	
				チタン化合物 Titanium Chemical Compound	—	0.015000	0.4895	0.5747	
				ニッケル Nickel(Ni)	7440-02-0	0.061000	1.9905	2.3371	
				亜鉛 Zinc(Zn)	7440-66-6	0.000020	0.0007	0.0008	
				砒素 Arsenic(As)	7440-38-2	0.000006	0.0002	0.0002	
				金 Gold(Au)	7440-57-5	0.002400	0.0783	0.0920	
				錫 Tin(Sn)	7440-31-5	0.100000	3.2631	3.8314	
		端子処理 Electrode		レジスト Resist Ink	エポキシ樹脂 Epoxy Resin	—	0.001800	0.0587	0.0690
					着色顔料 Dye	—	0.001800	0.0587	0.0690
		2		ダイボンディング材 Die-Bonding Paste	0.050000	銀 Silver(Ag)	7440-22-4	0.040500	1.3216
ビスフェノールA型エポキシ樹脂 Bisphenol A Epoxy Resin	9003-36-5		0.006000			0.1958	12.0000		
その他 Other	-		0.003500			0.1142	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	0.3263	100.0000		
4	封止樹脂 Resin	0.390000	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	0.355680	11.6063	91.2000		
			その他 Other	—	0.034320	1.1199	8.8000		
5	LED素子 LED Die	0.004500	ガリウム Gallium(Ga)	7440-55-3	0.002610	0.0852	58.0000		
			砒素 Arsenic(As)	7440-38-2	0.001710	0.0558	38.0000		
			インジウム Indium(In)	7440-74-6	0.000034	0.0011	0.7500		
			アルミニウム Aluminum(Al)	7429-90-5	0.000012	0.0004	0.2600		
			リン Phosphorus(P)	7723-14-0	0.000033	0.0011	0.7400		
			金 Gold(Au)	7440-57-5	0.000056	0.0018	1.2500		
			その他 Other	—	0.000045	0.0015	1.0000		
Total					—	3.064531	100.0000		

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