

Product	LED
Series	SML-A1x
Mass (mg)	3.000031

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	2.510031	エポキシ樹脂	Epoxy Resin	—	1.175000	39.1663	46.8122
				ガラスクロス	Glass Cloth	—	1.011000	33.6997	40.2784
				銅	Copper(Cu)	7440-50-8	0.242000	8.0666	9.6413
				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	0.5000	0.5976
				ニッケル	Nickel(Ni)	7440-02-0	0.061000	2.0333	2.4302
				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	0.0800	0.0956
				レジスト Resist Ink			エポキシ樹脂	Epoxy Resin	—
				着色顔料	Dye	—	0.001800	0.0600	0.0717
2	ダイボンディング材 Die-Bonding Paste		0.050000	銀	Silver(Ag)	7440-22-4	0.040500	1.3500	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	0.2000	12.0000
				その他	Other	-	0.003500	0.1167	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	0.3333	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	11.8559	91.2000
				その他	Other	—	0.034320	1.1440	8.8000
5	LED素子 LED Die		0.040000	ガリウム	Gallium(Ga)	7440-55-3	0.023200	0.7733	58.0000
				砒素	Arsenic(As)	7440-38-2	0.015200	0.5067	38.0000
				インジウム	Indium(In)	7440-74-6	0.000300	0.0100	0.7500
				アルミニウム	Aluminum(Al)	7429-90-5	0.000100	0.0033	0.2500
				リン	Phosphorus(P)	7723-14-0	0.000300	0.0100	0.7500
				金	Gold(Au)	7440-57-5	0.000500	0.0167	1.2500
				その他	Other	—	0.000400	0.0133	1.0000
Total					—	3.000031	100.0000		

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