

Product	LED
Series	SML-522MxW
Mass (mg)	1.804000

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(%) ($\frac{1}{}$ 製品重量) Content per Product Weight	含有率(%) ($\frac{1}{}$ 構成材料) Content per Part Weight
1	基板 Substrate	基材 Substrate Material	0.844000	無機ファイラー Inorganic Filler	13463-67-7	0.020000	1.1086	2.3697
				ガラスクロス Glass Cloth	65997-17-3	0.100000	5.5432	11.8483
				ビスマレイド・トリアジン樹脂 / エポキシ樹脂硬化物 Bismaleimide triazine resin / epoxy resin	—	0.066000	3.6585	7.8199
		端子処理 Electrode		銅 Copper(Cu)	7440-50-8	0.396000	21.9512	46.9194
				ニッケル Nickel(Ni)	7440-02-0	0.020000	1.1086	2.3697
				金 Gold(Au)	7440-57-5	0.003000	0.1663	0.3555
				レジスト Resist Ink	エポキシ系樹脂 Epoxy Resin	—	0.120000	6.6519
		レジスト Resist Ink		光重合開始剤 Photopolymerization primer	—	0.020000	1.1086	2.3697
				顔料 Dye	—	0.090000	4.9889	10.6635
				添加剤 Additive	—	0.009000	0.4989	1.0664
2	ダイボンディング材 Die-Bonding Paste		0.100000	銀 Silver(Ag)	7440-22-4	0.081000	4.4900	81.0000
3	ボンディングワイヤー Bonding wire	0.020000	ビスフェノールA型エポキシ樹脂 Bisphenol A Epoxy Resin	9003-36-5	0.012000	0.6652	12.0000	
			その他 Other	-	0.007000	0.3880	7.0000	
			4	封止樹脂 Resin	0.760000	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	0.573800
5	LED素子 LED Die	0.040000	二酸化珪素 Silicon dioxide(SiO ₂)	60676-86-0	0.111720	6.1929	14.7000	
			その他 Other	—	0.074480	4.1286	9.8000	
			6	LED素子 LED Die	0.040000	ガリウム Gallium(Ga)	7440-55-3	0.023200
7	LED素子 LED Die	0.040000	砒素 Arsenic(As)	7440-38-2	0.015200	0.8426	38.0000	
			インジウム Indium(In)	7440-74-6	0.000300	0.0166	0.7500	
			アルミニウム Aluminum(Al)	7429-90-5	0.000100	0.0055	0.2500	
			リン Phosphorus(P)	7723-14-0	0.000300	0.0166	0.7500	
			金 Gold(Au)	7440-57-5	0.000500	0.0277	1.2500	
			その他 Other	—	0.000400	0.0222	1.0000	
			Total	—	—	—	—	1.804000

Disclaimer

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