Product	LED
Series	SML-D1x8
Mass (mg)	1.297270

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.

OThis item is in compliance with RoHS.

	製品本体 Product								
Nº	構成材料 部位重量 Material Name Part Weight (mg)		物質名 Substance Name		CAS №	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	基材	0.762770	エポキシ樹脂	Epoxy Resin	-	0.110000	8.4793	14.4211
	Substrate	Substrate Material		ガラスクロス	Glass Cloth	-	0.097000	7.4772	12.7168
		端子処理	Ī	銅	Copper(Cu)	7440-50-8	0.425500	32.7996	55.7835
		Electrode		クロム及び3価クロム化合物	Chromium Chemical Compound	-	0.000200	0.0154	0.0262
				ニッケル	Nickel(Ni)	7440-02-0	0.120000	9.2502	15.7321
				亜鉛	Zinc(Zn)	7440-66-6	0.001000	0.0771	0.1311
				砒素	Arsenic(As)	7440-38-2	0.000070	0.0054	0.0092
				金	Gold(Au)	7440-57-5	0.005000	0.3854	0.6555
		レジスト	I	エポキシ樹脂	Epoxy Resin	-	0.002000	0.1542	0.2622
		Resist Ink		着色顔料	Dye	-	0.002000	0.1542	0.2622
2	ダイボンディング材		0.050000	銀	Silver(Ag)	7440-22-4	0.040500	3.1219	81.0000
	Die-Bonding Paste			ビスフェノールA型エポキシ樹脂	Bisphenol A Epoxy Resin	9003-36-5	0.006000	0.4625	12.0000
				その他	Other	-	0.003500	0.2698	7.0000
3	ホ`ンテ`ィンク`ワイヤー Bonding wire		0.010000	金	Gold(Au)	7440-57-5	0.010000	0.7708	100.0000
4	封止樹脂		0.470000	ヒ゛スフェノールAシ゛クリシシ゛ルエーテル	Bisphenol A diglycidyl ether(BADGE	25068-38-6	0.354850	27.3536	75.5000
	Resin			二酸化珪素	Silicon dioxide(SiO2)	60676-86-0	0.069090	5.3258	14.7000
I				その他	Other	-	0.046060	3.5505	9.8000
5	LED素子		0.004500	ガリウム	Gallium(Ga)	7440-55-3	0.002610	0.2012	58.0000
	LED Die			砒素	Arsenic(As)	7440-38-2	0.001710	0.1318	38.0000
				インジウム	Indium(In)	7440-74-6	0.000034	0.0026	0.7500
				アルミニウム	Aluminum(Al)	7429-90-5	0.000012	0.0009	0.2600
				リン	Phosphorus(P)	7723-14-0	0.000033	0.0026	0.7400
				金	Gold(Au)	7440-57-5	0.000056	0.0043	1.2500
				その他	Other	_	0.000045	0.0035	1.0000
					Total	-	1.297270	100.0000	

OPb free

Disclaimer

• All information in this document is furnished for exploratory or indicative purposes only.

• 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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