Product	LED
Series	SML-E1x
Mass (mg)	0.940000

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 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	0.440000	エポキシ樹脂	Epoxy Resin	-	0.067600	7.1915	15.3636
	Substrate	Substrate Material		ガラスクロス	Glass Cloth	-	0.058600	6.2340	13.3182
		端子処理		銅	Copper(Cu)	7440-50-8	0.260000	27.6596	59.0909
		Electrode		チタン化合物	Titanium Chemical Compound	Ι	0.014000	1.4894	3.1818
				ニッケル	Nickel(Ni)	7440-02-0	0.038689	4.1159	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	0.0319	0.0682
		レジスト		エポキシ樹脂	Epoxy Resin	-	0.000400	0.0426	0.0909
		Resist Ink		着色顔料	Dye	-	0.000400	0.0426	0.0909
2	ダイボンディング材		0.050000	銀	Silver(Ag)	7440-22-4	0.040500	4.3085	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	0.6383	12.0000
				その他	Other	-	0.003500	0.3723	7.0000
3	ボンディングワイヤ− Bonding wire		0.010000	金	Gold(Au)	7440-57-5	0.010000	1.0638	100.0000
4			0.400000	<b>ビ</b> スフェノールAシ <sup>*</sup> クリシシ <sup>*</sup> ルエーテル	Bisphenol A diglycidyl ether(BADGE	25068-38-6	0.352000	37.4468	88.0000
	Resin			二酸化珪素	Silicon dioxide(SiO2)	60676-86-0	0.012400	1.3191	3.1000
				その他	Other	Ι	0.035600	3.7872	8.9000
5	5 LED素子 LED Die		0.040000	ガリウム	Gallium(Ga)	7440-55-3	0.023200	2.4681	58.0000
				砒素	Arsenic(As)	7440-38-2	0.015200	1.6170	38.0000
				インジウム	Indium(In)	7440-74-6	0.000300	0.0319	0.7500
				アルミニウム	Aluminum(Al)	7429-90-5	0.000100	0.0106	0.2500
				リン	Phosphorus(P)	7723-14-0	0.000300	0.0319	0.7500
				金	Gold(Au)	7440-57-5	0.000500	0.0532	1.2500
				その他	Other	Ι	0.000400	0.0426	1.0000
				-	Total	-	0.940000	100.0000	

OPb free

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•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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