Product	LED
Series	SMLE1xBC/EC
Mass (mg)	0.928000

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.

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Nº		伐材料 al Name	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	7.2845	15.3636	
	Substrate	Substrate Material		ガラスクロス	Glass Cloth	-	0.058600	6.3147	13.3182	
		端子処理		銅	Copper(Cu)	7440-50-8	0.260000	28.0172	59.0909	
		Electrode		チタン化合物	Titanium Chemical Compound	-	0.014000	1.5086	3.1818	
				ニッケル	Nickel(Ni)	7440-02-0	0.038689	4.1691	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	0.0323	0.0682	
		レジスト		エポキシ樹脂	Epoxy Resin	-	0.000400	0.0431	0.0909	
		Resist Ink		着色顔料	Dye	-	0.000400	0.0431	0.0909	
2	・ ダイボンディング材		0.050000	銀	Silver(Ag)	7440-22-4	0.040500	4.3642	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	0.6466	12.0000	
				その他	Other	-	0.003500	0.3772	7.0000	
3	ボンディングワイヤ− Bonding wire		0.010000	金	Gold(Au)	7440-57-5	0.010000	1.0776	100.0000	
4	封止樹脂 Resin		0.417000	エポキシ樹脂	Epoxy Resin	-	0.417000	44.9353	100.0000	
5	LED素子		0.011000	炭化シリコン	Silicon carbide(SiC)	409-21-2	0.010700	1.1530	97.2727	
	LED Die			金	Gold(Au)	7440-57-5	0.000030	0.0032	0.2727	
				その他	Other	_	0.000270	0.0291	2.4545	
					Total	-	0.928000	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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