Product	LED
Series	SML81xWBC
Mass (mg)	5.349950

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. OPb free

	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	2.588950	エポキシ樹脂	Epoxy Resin	-	0.590000	11.0281	22.7892	
	Substrate	Substrate Material		ガラスクロス	Glass Cloth	-	0.530000	9.9066	20.4716	
		端子処理		銅	Copper(Cu)	7440-50-8	1.120000	20.9348	43.2608	
		Electrode		クロム及び3価クロム化合物	Chromium Chemical Compound	Ι	0.000020	0.0004	0.0008	
				チタン化合物	Titanium Chemical Compound	-	0.070000	1.3084	2.7038	
				ニッケル	Nickel(Ni)	7440-02-0	0.250000	4.6729	9.6564	
				亜鉛	Zinc(Zn)	7440-66-6	0.000100	0.0019	0.0039	
				砒素	Arsenic(As)	7440-38-2	0.000030	0.0006	0.0012	
				金	Gold(Au)	7440-57-5	0.011000	0.2056	0.4249	
		レジスト		エポキシ樹脂	Epoxy Resin	Ι	0.008900	0.1664	0.3438	
		Resist Ink		着色顔料	Dye	I	0.008900	0.1664	0.3438	
2	2 ダイホンディング材		0.050000	銀	Silver(Ag)	7440-22-4	0.040500	0.7570	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	0.1122	12.0000	
				その他	Other	-	0.003500	0.0654	7.0000	
3	ホンディングワイヤー Bonding wire		0.010000	金	Gold(Au)	7440-57-5	0.010000	0.1869	100.0000	
4	封止樹脂		2.690000	エポキシ樹脂	Epoxy Resin	-	2.340300	43.7443	87.0000	
	Resin			蛍光材	Phoshor	I	0.349700	6.5365	13.0000	
5	LED素子		0.011000	炭化シリコン	Silicon carbide(SiC)	409-21-2	0.010700	0.2000	97.2727	
	LED Die			金	Gold(Au)	7440-57-5	0.000030	0.0006	0.2727	
L				その他	Other	-	0.000270	0.0050	2.4545	
					Total	-	5.349950	100.0000		

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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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