

Product	LED
Series	SML522BU1W
Mass (mg)	1.775000

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(%) 〈/製品重量〉 Content per Product Weight	含有率(%) 〈/構成材料〉 Content per Part Weight		
1	基板 Substrate	基材 Substrate Material	0.844000	無機フィラー	Inorganic Filler	13463-67-7	0.020000	1.1268	2.3697	
				ガラスクロス	Glass Cloth	65997-17-3	0.100000	5.6338	11.8483	
				ビスマレイミド・トリアジン樹脂 /エポキシ樹脂硬化物	Bismaleimide triazine resin / epoxy resin	—	0.066000	3.7183	7.8199	
				銅	Copper(Cu)	7440-50-8	0.396000	22.3099	46.9194	
				ニッケル	Nickel(Ni)	7440-02-0	0.020000	1.1268	2.3697	
		端子処理 Electrode		金	Gold(Au)	7440-57-5	0.003000	0.1690	0.3555	
				レジスト Resist Ink	エポキシ系樹脂	Epoxy Resin	—	0.120000	6.7606	14.2180
					光重合開始剤	Photopolymerization primer	—	0.020000	1.1268	2.3697
					顔料	Dye	—	0.090000	5.0704	10.6635
				添加剤	Additive	—	0.009000	0.5070	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	4.5634	81.0000		
			ビスフェノールA型エポキシ樹脂	Bisphenol A Epoxy Resin	9003-36-5	0.012000	0.6761	12.0000		
			その他	Other	-	0.007000	0.3944	7.0000		
3	ボンディングワイヤー Bonding wire	0.020000	金	Gold(Au)	7440-57-5	0.020000	1.1268	100.0000		
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	32.3268	75.5000		
			二酸化珪素	Silicon dioxide(SiO2)	60676-86-0	0.111720	6.2941	14.7000		
			その他	Other	—	0.074480	4.1961	9.8000		
5	LED素子 LED Die	0.011000	炭化シリコン	Silicon carbide(SiC)	409-21-2	0.010700	0.6028	97.2727		
			金	Gold(Au)	7440-57-5	0.000030	0.0017	0.2727		
			その他	Other	—	0.000270	0.0152	2.4545		
5	LED素子 LED Die	0.040000	ガリウム	Gallium(Ga)	7440-55-3	0.023200	1.3070	58.0000		
			砒素	Arsenic(As)	7440-38-2	0.015200	0.8563	38.0000		
			インジウム	Indium(In)	7440-74-6	0.000300	0.0169	0.7500		
			アルミニウム	Aluminum(Al)	7429-90-5	0.000100	0.0056	0.2500		
			リン	Phosphorus(P)	7723-14-0	0.000300	0.0169	0.7500		
			金	Gold(Au)	7440-57-5	0.000500	0.0282	1.2500		
			その他	Other	—	0.000400	0.0225	1.0000		
Total					—	1.775000	100.0000			

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