

Product	LED
Series	SMLVN6RGBxW1
Mass (mg)	12.937030

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	インサートフレーム Insert Flame	樹脂 Resin	12.000000	ポリフタルアミド Poly phthalate Amide	25776-72-1	0.9590000	7.4128	7.9917
				ワラストナイト Wollastonite	13983-17-0	0.2790000	2.1566	2.3250
				酸化チタン Titanium oxide (TiO2)	13463-67-7	0.2980000	2.3035	2.4833
		母材 Parent metal		銅 Copper(Cu)	7440-50-8	9.9270000	76.7332	82.7250
				鉄 Iron(Fe)	7439-89-6	0.1690000	1.3063	1.4083
				リン Phosphorus(P)	7723-14-0	0.0090000	0.0696	0.0750
				銀 Silver(Ag)	7440-22-4	0.3590000	2.7750	2.9917
2	ダイボンディング材 Die-Bonding Paste		0.330000	銀 Silver(Ag)	7440-22-4	0.267300	2.0662	81.0000
				ビスフェノールA型エポキシ樹脂 Bisphenol A Epoxy Resin	9003-36-5	0.039600	0.3061	12.0000
				その他 Other	-	0.023100	0.1786	7.0000
3	ダイボンディング材 Die-Bonding Paste		0.050000	エポキシ樹脂 Epoxy Resin	-	0.025000	0.1932	50.0000
				シリコン樹脂 Silicone Resin	-	0.025000	0.1932	50.0000
4	ボンディングワイヤー Bonding wire		0.100000	金 Gold(Au)	7440-57-5	0.100000	0.7730	100.0000
5	封止樹脂 Resin		0.280000	エポキシ樹脂 Epoxy Resin	-	0.274400	2.1210	98.0000
				その他 Other	-	0.005600	0.0433	2.0000
6	拡散材 Diffuser		0.002000	ジシカラス Dioxosilane	87347-84-0	0.002000	0.0155	100.0000
7	LED素子 LED Die		0.100000	サファイア Sapphire(Al2O3)	1344-28-1	0.097273	0.7519	97.2727
				金 Gold(Au)	7440-57-5	0.000273	0.0021	0.2727
				その他 Other	-	0.002455	0.0190	2.4545
8	LED素子 LED Die		0.074700	ガリウム Gallium(Ga)	7440-55-3	0.003500	0.0271	4.6854
				砒素 Arsenic(As)	7440-38-2	0.002300	0.0178	3.0790
				インジウム Indium(In)	7440-74-6	0.000400	0.0031	0.5355
				アルミニウム Aluminum(Al)	7429-90-5	0.000200	0.0015	0.2677
				リン Phosphorus(P)	7723-14-0	0.000400	0.0031	0.5355
				金 Gold(Au)	7440-57-5	0.000500	0.0039	0.6693
				シリコン Silicone(Si)	7440-21-3	0.064600	0.4993	86.4793
				銀 Silver(Ag)	7440-22-4	0.002600	0.0201	3.4806
その他 Other	-	0.000200	0.0015	0.2677				
9	Di素子 Di Die		0.000330	シリコン Silicone(Si)	7440-21-3	0.000020	0.0002	6.0606
				金 Gold(Au)	7440-57-5	0.000040	0.0003	12.1212
				その他 others	-	0.000270	0.0021	81.8182
Total					-	12.937030	100.0000	

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