

Product	LED
Series	SMLK18WBJ
Mass (mg)	16.722360

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	15.832360	ポリフタルアミド Poly phthalate Amide	25776-72-1	0.9400000	5.6212	5.9372
				ワラストナイト Wollastonite	13983-17-0	0.0880000	0.5262	0.5558
				酸化チタン Titanium oxide (TiO ₂)	13463-67-7	0.8480000	5.0711	5.3561
		母材 Parent metal		銅 Copper(Cu)	7440-50-8	12.5036000	74.7717	78.9750
				鉄 Iron(Fe)	7439-89-6	0.0124000	0.0742	0.0783
				リン Phosphorus(P)	7723-14-0	0.0003600	0.0022	0.0023
				銀 Silver(Ag)	7440-22-4	1.4400000	8.6112	9.0953
3	ボンディングワイヤー Bonding wire		0.010000	金 Gold(Au)	7440-57-5	0.010000	0.0598	100.0000
4	封止樹脂 Resin		0.850000	ジメチルポリシロキサン Dimethylpolysiloxane	63148-62-9	0.770000	4.6046	90.5882
				蛍光材 Phosphor	—	0.080000	0.4784	9.4118
5	LED素子 LED Die		0.030000	炭化シリコン Silicon carbide(SiC)	409-21-2	0.029180	0.1745	97.2667
				金 Gold(Au)	7440-57-5	0.000080	0.0005	0.2667
				その他 Other	—	0.000740	0.0044	2.4667
Total					—	16.722360	100.0000	

Disclaimer

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- 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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