

Product	LED
Series	SMLP34RGB
Mass (mg)	0.304351

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	エポキシ樹脂	Epoxy Resin	—	0.002240	0.7360	2.1788
			ガラスクロス	Glass Cloth	—	0.001960	0.6440	1.9064
			銅	Copper(Cu)	7440-50-8	0.086000	28.2568	83.6486
			クロム及び3価クロム化合物	Chromium Chemical Compound	—	0.000002	0.0007	0.0019
			ニッケル	Nickel(Ni)	7440-02-0	0.009600	3.1543	9.3375
			亜鉛	Zinc(Zn)	7440-66-6	0.000100	0.0329	0.0973
			砒素	Arsenic(As)	7440-38-2	0.000009	0.0030	0.0088
			金	Gold(Au)	7440-57-5	0.002100	0.6900	2.0426
			レジスト	Resist Ink	—	0.000400	0.1314	0.3891
			着色顔料	Dye	—	0.000400	0.1314	0.3891
2	ダイボンディング材 Die-Bonding Paste	0.070000	銀	Silver(Ag)	7440-22-4	0.056700	18.6298	81.0000
			ビスフェノールA型エポキシ樹脂	Bisphenol A Epoxy Resin	9003-36-5	0.008400	2.7600	12.0000
			その他	Other	-	0.004900	1.6100	7.0000
3	ボンディングワイヤー Bonding wire	0.023000	金	Gold(Au)	7440-57-5	0.023000	7.5571	100.0000
4	封止樹脂 Resin	0.087000	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	0.065685	21.5820	75.5000
			二酸化珪素	Silicon dioxide(SiO2)	60676-86-0	0.012789	4.2021	14.7000
			その他	Other	—	0.008526	2.8014	9.8000
5	LED素子 LED Die	0.008520	炭化シリコン	Silicon carbide(SiC)	409-21-2	0.008300	2.7271	97.4178
			金	Gold(Au)	7440-57-5	0.000020	0.0066	0.2347
			その他	Other	—	0.000200	0.0657	2.3474
6	LED素子 LED Die	0.008520	炭化シリコン	Silicon carbide(SiC)	409-21-2	0.008300	2.7271	97.4178
			金	Gold(Au)	7440-57-5	0.000020	0.0066	0.2347
			その他	Other	—	0.000200	0.0657	2.3474
7	LED素子 LED Die	0.004500	ガリウム	Gallium(Ga)	7440-55-3	0.002600	0.8543	57.7778
			砒素	Arsenic(As)	7440-38-2	0.001730	0.5684	38.4444
			インジウム	Indium(In)	7440-74-6	0.000030	0.0099	0.6667
			アルミニウム	Aluminum(Al)	7429-90-5	0.000010	0.0033	0.2222
			リン	Phosphorus(P)	7723-14-0	0.000030	0.0099	0.6667
			金	Gold(Au)	7440-57-5	0.000060	0.0197	1.3333
			その他	Other	—	0.000040	0.0131	0.8889
				Total	—	0.304351	100.0000	

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