

Product	LED
Series	SLR-56D/V/Y
Mass (mg)	310.00000

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	リードフレーム Lead Frame	76.70000	鉄	Iron(Fe)	7439-89-6	74.78000	24.1226	97.4967
			銅	Copper(Cu)	7440-50-8	0.10300	0.0332	0.1343
			銀	Silver(Ag)	7440-22-4	1.81700	0.5861	2.3690
2	ダイボンディング材 Die-Bonding Paste	0.05000	銀	Silver(Ag)	7440-22-4	0.04050	0.0131	81.0000
			ビスフェノールA型エポキシ樹脂	Bisphenol A Epoxy Resin	9003-36-5	0.00600	0.0019	12.0000
			その他	Other	-	0.00350	0.0011	7.0000
3	ボンディングワイヤー Bonding wire	0.01000	金	Gold(Au)	7440-57-5	0.01000	0.0032	100.0000
4	封止樹脂 Resin	223.18000	ビスフェノールAジグリシジルエーテル	Bisphenol A diglycidyl ether	25068-38-6	223.18000	71.9935	100.0000
5	端子処理 Terminal Plating	10.00000	錫	Tin(Sn)	7440-31-5	9.65000	3.1129	96.5000
			銀	Silver(Ag)	7440-22-4	0.30000	0.0968	3.0000
			銅	Copper(Cu)	7440-50-8	0.05000	0.0161	0.5000
6	LED素子 LED Die	0.06000	ガリウム	Gallium(Ga)	7440-55-3	0.04200	0.0135	70.0000
			砒素	Arsenic(As)	7440-38-2	0.00500	0.0016	8.3333
			リン	Phosphorus(P)	7723-14-0	0.01200	0.0039	20.0000
			金	Gold(Au)	7440-57-5	0.00050	0.0002	0.8333
			その他	Other	-	0.00050	0.0002	0.8333
Total				-	310.00000	100.0000		

Disclaimer

- 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.
- ROHM strives for the accuracy of the information, however, ROHM does not give any representations or warranties as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information.
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- 3) Although ROHM is continuously working to improve product reliability and quality, semiconductors can break down and malfunction due to various factors.
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- 7) The Products specified in this document are not designed to be radiation tolerant.
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