

Product	LED
Series	SLR-332M
Mass (mg)	110.00000

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	69.95000	鉄	Iron(Fe)	7439-89-6	67.78000	61.6182	96.8978
			銅	Copper(Cu)	7440-50-8	0.09000	0.0818	0.1287
			銀	Silver(Ag)	7440-22-4	2.08000	1.8909	2.9736
2	ダイボンディング材 Die-Bonding Paste	0.05000	銀	Silver(Ag)	7440-22-4	0.04050	0.0368	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	0.0055	12.0000
			その他	Other	-	0.00350	0.0032	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	0.0091	100.0000
4	封止樹脂 Resin	29.93000	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	29.93000	27.2091	100.0000
5	端子処理 Terminal Plating	10.00000	錫	Tin(Sn)	7440-31-5	9.65000	8.7727	96.5000
			銀	Silver(Ag)	7440-22-4	0.30000	0.2727	3.0000
			銅	Copper(Cu)	7440-50-8	0.05000	0.0455	0.5000
5	LED素子 LED Die	0.06000	ガリウム	Gallium(Ga)	7440-55-3	0.05100	0.0464	85.0000
			リン	Phosphorus(P)	7723-14-0	0.00800	0.0073	13.3333
			金	Gold(Au)	7440-57-5	0.00060	0.0005	1.0000
			その他	Other	-	0.00040	0.0004	0.6667
Total				-	110.00000	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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