Product	LED
Series	SML-P24MUW
Mass (mg)	0.253411

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.

ŕ	刻品本体								
١	Product ## ct ++ *1		部位重量 Part Weight (mg)	物貿名 Substance Name		CAS №	含有量 Content Weight (mg)	含有率(%) 〈/.製品重量〉 Content per Product Weight	含有率(%) 構成材料〉<br Content per Part Weight
	1 基板	基材	0.102811	エポキシ樹脂	Epoxy Resin	-	0.002240	0.8839	2.1788
	Substrate	Substrate Material		ガラスクロス	Glass Cloth	-	0.001960	0.7734	1.9064
		端子処理		銅	Copper(Cu)	7440-50-8	0.086000	33.9370	83.6486
		Electrode		クロム及ぴ3価クロム化合物	Chromium Chemical Compound	-	0.000002	0.0008	0.0019
				ニッケル	Nickel(Ni)	7440-02-0	0.009600	3.7883	9.3375
L				亜鉛	Zinc(Zn)	7440-66-6	0.000100	0.0395	0.0973
L				砒素	Arsenic(As)	7440-38-2	0.000009	0.0036	0.0088
L				金	Gold(Au)	7440-57-5	0.002100	0.8287	2.0426
L		レジスト		エポキシ樹脂	Epoxy Resin	-	0.000400	0.1578	0.3891
L		Resist Ink		着色顔料	Dye	-	0.000400	0.1578	0.3891
	2 ダイボンディング材		0.050000	銀	Silver(Ag)	7440-22-4	0.040500	15.9819	81.0000
L	Die-Bonding Pa	ste		ビスフェノールA型エポキシ樹脂	Bisphenol A Epoxy Resin	9003-36-5	0.006000	2.3677	12.0000
				その他	Other	-	0.003500	1.3812	7.0000
	3 ホンディングワイヤー Bonding wire			金	Gold(Au)	7440-57-5	0.004600	1.8152	100.0000
Γ	4 封止樹脂			ビ ネフェノールAシ [・] クリシシ [・] ルエーテル	Bisphenol A diglycidyl ether(BADGE	25068-38-6	0.065685	25.9203	75.5000
L	Resin			二酸化珪素	Silicon dioxide(SiO2)	60676-86-0	0.012789	5.0467	14.7000
				その他	Other	Ι	0.008526	3.3645	9.8000
	LED素子		0.004500	ガリウム	Gallium(Ga)	7440-55-3	0.002600	1.0260	57.7778
L	LED Die			砒素	Arsenic(As)	7440-38-2	0.001730	0.6827	38.4444
L				インジウム	Indium(In)	7440-74-6	0.000030	0.0118	0.6667
L				アルミニウム	Aluminum(AI)	7429-90-5	0.000010	0.0039	0.2222
L				リン	Phosphorus(P)	7723-14-0	0.000030	0.0118	0.6667
L				金	Gold(Au)	7440-57-5	0.000060	0.0237	1.3333
				その他	Other	-	0.000040	0.0158	0.8889
	6 LED素子		0.004500	ガリウム	Gallium(Ga)	7440-55-3	0.002600	1.0260	57.7778
	LED Die			砒素	Arsenic(As)	7440-38-2	0.001730	0.6827	38.4444
L				インジウム	Indium(In)	7440-74-6	0.000030	0.0118	0.6667
				アルミニウム	Aluminum(Al)	7429-90-5	0.000010	0.0039	0.2222
				リン	Phosphorus(P)	7723-14-0	0.000030	0.0118	0.6667
				金	Gold(Au)	7440-57-5	0.000060	0.0237	1.3333
				その他	Other	_	0.000040	0.0158	0.8889
Γ					Total	-	0.253411	100.0000	

OThis item is in compliance with RoHS.

OPb free

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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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