



List of Component

No. PN001505 Rev.A

Date 2021/04/24

Item	Diode
Part No.	EMP11T2R
Product mass	2.6 mg

Company Name	ROHM Co., Ltd.
Address	21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto 615-8585, Japan

No.	Part Name	Substance Name	CAS No.	Mass (mg)	Concentration (wt%)	Remark
1	Bonding wire	Gold	7440-57-5	0.013000	100.00000	
2	Leadframe surface treatment	Copper	7440-50-8	0.140500	100.00000	
3	Mold compound	Silica	60676-86-0	0.833630	69.99412	
4		Epoxy resin	-	0.190584	16.00201	
5		Hardener	-	0.107191	9.00008	
6		Brominated epoxy resin	-	0.035697	2.99723	
7		Antimony trioxide	1309-64-4	0.017898	1.50281	
8		CarbonBlack	1333-86-4	0.006000	0.50375	
9	Die	Silicon	7440-21-3	0.052800	86.55738	
10		Gold	7440-57-5	0.008200	13.44262	
11	External plating	Tin	7440-31-5	0.138200	98.01418	
12		Copper	7440-50-8	0.002800	1.98582	
13	Lead frame	Iron	7439-89-6	0.611000	57.99715	
14		Nickel	7440-02-0	0.442500	42.00285	

Remarks

- 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.
- The contained volume/mass is a calculated value. For this reason, there are cases when the total volume/mass may differ from the product volume/mass.
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