



List of Component

No. PN000167_Rev.A

Date 2020/08/23

Item	Diode
Part No.	PTZTFTE2513B
Product mass	69 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	Mold compound	Silica	14808-60-7	17.864266	72.97000		
2		Epoxy resin	29690-82-2	3.006351	12.28000		
3		Phenol -formaldehyde	9003-35-4	2.692980	11.00000		
4		Brominated epoxy resin	68541-56-0	0.580214	2.37000		
5		Antimony trioxide	1309-64-4	0.232578	0.95000		
6		Azo compounds	-	0.097925	0.40000		Not created amine.
7		Chromium compounds without hexavalent	-	0.007342	0.03000		
8	Lead frame	Copper	7440-50-8	41.358600	99.90000		
9		Iron	7439-89-6	0.041400	0.10000		
10	External plating	Tin	7440-31-5	1.997550	96.50000		
11		Silver	7440-22-4	0.062100	3.00000		
12		Copper	7440-50-8	0.010350	0.50000		
13	Die	Silicon	7440-21-3	0.009536	71.44000		
14		Silver	7440-22-4	0.003809	28.56000		
15	Die attach (In)	Lead	7439-92-1	0.967725	93.50000	RoHS exemption :7(a)	
16		Tin	7440-31-5	0.051750	5.00000		
17		Silver	7440-22-4	0.015524	1.50000		

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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