



List of Component

No. PN001477_Rev.A

Date 2021/04/23

Item	Diode
Part No.	DA221WMTL
Product mass	2.3694 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	Lead frame	Iron	7439-89-6	0.462408	58.00000	
2		Nickel	7440-02-0	0.334847	42.00000	
3	External plating	Tin	7440-31-5	0.065184	100.00000	
4	Leadframe surface treatment	Copper	7440-50-8	0.106401	100.00000	
5	Mold compound	Silica	60676-86-0	0.915420	68.34107	
6		Epoxy resin	29690-82-2	0.148108	11.05704	
7		Epoxy resin	85954-11-6	0.026874	2.00629	
8		Aluminum hydroxide	21645-51-2	0.154826	11.55862	
9		CarbonBlack	1333-86-4	0.006718	0.50157	
10		Phenol -formal dehyde	-	0.087541	6.53541	
11	Bonding wire	Gold	7440-57-5	0.008023	100.00000	
12	Die	Silicon	7440-21-3	0.048236	90.92628	
13		Gold	7440-57-5	0.004814	9.07372	

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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