



List of Component

No. PN000084 Rev.A

Date 2021/09/09

Item	Diode
Part No.	RB510SM-40FHT2R
Product mass	1.4999 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	60676-86-0	0.682949	68.34272	
2		Epoxy resin	85954-11-6	0.020099	2.01126	
3		Phenol -formal dehyde	-	0.065320	6.53660	
4		Aluminum hydroxide	21645-51-2	0.115466	11.55471	
5		CarbonBlack	1333-86-4	0.005025	0.50282	
6		Epoxy resin	29690-82-2	0.110442	11.05189	
7	Lead frame	Iron	7439-89-6	0.226780	58.00000	
8		Nickel	7440-02-0	0.164220	42.00000	
9	Leadframe surface treatment	Copper	7440-50-8	0.056300	100.00000	
10	External plating	Tin	7440-31-5	0.016300	100.00000	
11	Capacitor element	Silicon	7440-21-3	0.029000	93.55000	
12		Gold	7440-57-5	0.002000	6.45000	
13	Bonding Wire	Gold	7440-57-5	0.005999	100.00000	

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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