List of Component

No. PN000031_Rev.A

Item	Capacitor Tantalum chip capacitor
Part No.	TC series A case
Product mass	27.39 mg

ROHM

	Date	2020/11/30
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	Epoxy resin	29690-82-2	1.139545	9.50396	
2		Epoxy resin	9003-35-4	0.659735	5.50229	
3		Organic phosphorus compounds	-	0.035985	0.30012	
4		Aluminum hydroxide	21645-51-2	1.199520	10.00417	
5		Carbon	-	0.038984	0.32514	
6		Silica	60676-86-0	8.916434	74.36432	
7	Lead frame	Iron	7439-89-6	2.579615	58.10811	
8		Nickel	7440-02-0	1.859721	41.89189	
9	Leadframe surface treatment	Copper	7440-50-8	0.439935	100.00000	
10	External surface coating	Tin	7440-31-5	0.279959	95.98903	
11		Silver	7440-22-4	0.009997	3.42818	
12		Copper	7440-50-8	0.001701	0.58279	
13	Capacitor element	Tantalum	7440-25-7	7.768837	78.65169	
14		Manganese dioxide	1313-13-9	1.509775	15.28495	
15		Carbon	-	0.038992	0.39477	
16		Silver	7440-22-4	0.309953	3.13797	
17		Copper	7440-50-8	0.199972	2.02450	
18		Aromatic polyamide resin	-	0.049992	0.50612	
19	Inhibitor for absorption	FEP	25067-11-2	0.099982	100.00000	
20	Conductive adhesive	Silver	7440-22-4	0.139979	55.68815	
21		Copper	7440-50-8	0.088987	35.40175	
22		Epoxy resin	-	0.014999	5.96659	
23		Phenol resin	-	0.007401	2.94351	

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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