



List of Component

No. PN000042 Rev.A

Date 2020/11/30

Item	Capacitor Tantalum chip capacitor
Part No.	TC series A case (Halogen resin)
Product mass	27.4 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	Epoxy resin	-	1.079949	9.00060	
2		Antimony trioxide	1309-64-4	0.179991	1.50010	
3		Phenol -formaldehyde	9003-35-4	0.539975	4.50030	
4		Organic phosphorus compounds	-	0.047999	0.40003	
5		Halogen aromatic hydrocarbon	-	0.179991	1.50010	
6		Silica	60676-86-0	9.969526	83.08887	
7		Chromium(trivalent)	-	0.001200	0.01000	
8	Lead frame	Iron	7439-89-6	2.579877	58.10811	
9		Nickel	7440-02-0	1.859912	41.89189	
10	Leadframe surface treatment	Copper	7440-50-8	0.439978	100.00000	
11	External surface coating	Tin	7440-31-5	0.279987	95.98903	
12		Silver	7440-22-4	0.009998	3.42818	
13		Copper	7440-50-8	0.001699	0.58279	
14	Capacitor element	Tantalum	7440-25-7	7.769632	78.65169	
15		Manganese dioxide	1313-13-9	1.509929	15.28495	
16		Carbon	-	0.038998	0.39477	
17		Silver	7440-22-4	0.309984	3.13797	
18		Copper	7440-50-8	0.199990	2.02450	
19		Aromatic polyamide resin	-	0.049997	0.50612	
20	Inhibitor for absorption	FEP	25067-11-2	0.099999	100.00000	
21	Conductive adhesive	Silver	7440-22-4	0.139992	55.68815	
22		Copper	7440-50-8	0.088995	35.40175	
23		Epoxy resin	-	0.014999	5.96659	
24		Phenol resin	-	0.007403	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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