



List of Component

No. PN000082 Rev.A

Date 2020/11/30

Item	Capacitor Tantalum chip capacitor
Part No.	TCT series AS case
Product mass	24 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	-	0.085896	10.00100	
2		Phenol novolak	-	0.047237	5.50000	
3		Organic phosphorus compounds	-	0.000302	0.03500	
4		Metal hydroxide	-	0.163186	19.00000	
5		Carbon	-	0.000859	0.10000	
6		dye	-	0.000206	0.02400	
7		Silica	60676-86-0	0.559469	65.14000	
8		Chromium(trivalent)	-	0.001718	0.20000	
9	Lead frame	Iron	7439-89-6	2.444184	58.00000	
10		Nickel	7440-02-0	1.769928	42.00000	
11	Leadframe surface treatment	Copper	7440-50-8	0.573365	100.00000	
12	External surface coating	Tin	7440-31-5	0.201598	97.87000	
13		Copper	7440-50-8	0.004387	2.13000	
14	Capacitor element	Tantalum	7440-25-7	14.010636	78.67000	
15		Manganese dioxide	1313-13-9	2.717710	15.26000	
16		Carbon	-	0.071239	0.40000	
17		Silver	7440-22-4	0.555653	3.12000	
18		Copper	7440-50-8	0.363312	2.04000	
19		Aromatic polyamide resin	-	0.090828	0.51000	
20	Inhibitor for absorption	FEP	25067-11-2	0.069017	100.00000	
21	Conductive adhesive	Silver	7440-22-4	0.148099	55.00000	
22		Copper	7440-50-8	0.096938	36.00000	
23		Epoxy resin	-	0.016157	6.00000	
24		Phenol resin	-	0.008076	3.00000	

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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