



List of Component

No. PN000056 Rev.A

Date 2020/11/30

Item	Capacitor Tantalum chip capacitor
Part No.	TCT series P case
Product mass	14 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	29690-82-2	0.035903	9.52000	
2		Epoxy resin	9003-35-4	0.020742	5.50000	
3		Organic phosphorus compounds	-	0.001131	0.30000	
4		Aluminum hydroxide	21645-51-2	0.037751	10.01000	
5		Carbon	-	0.001131	0.30000	
6		Silica	60676-86-0	0.280477	74.37000	
7	Lead frame	Iron	7439-89-6	0.795630	58.00000	
8		Nickel	7440-02-0	0.576145	42.00000	
9	Leadframe surface treatment	Copper	7440-50-8	0.229963	100.00000	
10	External surface coating	Tin	7440-31-5	0.059984	97.87000	
11		Copper	7440-50-8	0.001305	2.13000	
12	Base wire	Iron	7439-89-6	0.555548	58.00000	
13		Nickel	7440-02-0	0.402294	42.00000	
14	Capacitor element	Tantalum	7440-25-7	8.509124	78.67000	
15		Manganese dioxide	1313-13-9	1.650555	15.26000	
16		Organic phosphorus compounds	-	0.043264	0.40000	
17		Silver	7440-22-4	0.337466	3.12000	
18		Copper	7440-50-8	0.220651	2.04000	
19		Aromatic polyamide resin	-	0.055163	0.51000	
20	Inhibitor for absorption	FEP	25067-11-2	0.087986	100.00000	
21	Conductive adhesive	Silver	7440-22-4	0.053781	55.00000	
22		Copper	7440-50-8	0.035203	36.00000	
23		Temp Item for auto insert system	-	0.005867	6.00000	
24		Temp Item for auto insert system	-	0.002936	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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