



List of Component

No. PN000081 Rev.A

Date 2020/11/30

Item	Capacitor Tantalum chip capacitor
Part No.	TCT series AL case
Product mass	29 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	-	0.093684	10.00100	
2		Phenol novolak	-	0.051521	5.50000	
3		Organic phosphorus compounds	-	0.000328	0.03500	
4		Metal hydroxide	-	0.177982	19.00000	
5		Carbon	-	0.000937	0.10000	
6		dye	-	0.000226	0.02400	
7		Silica	60676-86-0	0.610201	65.14000	
8		Chromium(trivalent)	-	0.001873	0.20000	
9	Lead frame	Iron	7439-89-6	2.424194	58.00000	
10		Nickel	7440-02-0	1.755448	42.00000	
11	Leadframe surface treatment	Copper	7440-50-8	0.608072	100.00000	
12	External surface coating	Tin	7440-31-5	0.202655	97.87000	
13		Copper	7440-50-8	0.004411	2.13000	
14		Capacitor element	Tantalum	7440-25-7	17.838193	78.67000
15	Manganese dioxide		1313-13-9	3.460161	15.26000	
16	Carbon		-	0.090698	0.40000	
17	Silver		7440-22-4	0.707452	3.12000	
18	Copper		7440-50-8	0.462564	2.04000	
19	Aromatic polyamide resin		-	0.115640	0.51000	
20	Inhibitor for absorption	FEP	25067-11-2	0.387246	100.00000	
21	Conductive adhesive	Silver	7440-22-4	0.003579	55.00000	
22		Copper	7440-50-8	0.002340	36.00000	
23		Epoxy resin	-	0.000389	6.00000	
24		Phenol resin	-	0.000206	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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