



# List of Component

No. PN000062 Rev.A

Date 2020/11/30

Item	Capacitor Conductive polymer type capacitor
Part No.	TCTO series A case
Product mass	40 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	-	0.713528	10.00100	
2		Phenol novolak	-	0.392400	5.50000	
3		Organic phosphorus compounds	-	0.002496	0.03500	
4		Metal hydroxide	-	1.355568	19.00000	
5		CarbonBlack	1333-86-4	0.007136	0.10000	
6		dye	-	0.001712	0.02400	
7		Silica	60676-86-0	4.647456	65.14000	
8		Chromium(trivalent)	-	0.014268	0.20000	
9	Lead frame	Iron	7439-89-6	1.796248	58.00000	
10		Nickel	7440-02-0	1.300732	42.00000	
11	Leadframe surface treatment	Copper	7440-50-8	0.569940	100.00000	
12	External surface coating	Tin	7440-31-5	0.179864	97.87000	
13		Copper	7440-50-8	0.003916	2.13000	
14	Base wire	Iron	7439-89-6	1.526812	58.00000	
15		Nickel	7440-02-0	1.105620	42.00000	
16	Capacitor element	Tantalum	7440-25-7	23.225380	89.52000	
17		Heterocyclic compound	-	1.899124	7.32000	
18		Carbon	-	0.189392	0.73000	
19		Acrylic resin	-	0.012972	0.05000	
20		Silver	7440-22-4	0.562992	2.17000	
21		Aromatic polyamide resin	-	0.054484	0.21000	
22	Inhibitor for absorption	Silicone compounds	-	0.031996	100.00000	
23	Conductive adhesive	Silver	7440-22-4	0.223280	55.00000	
24		Copper	7440-50-8	0.146144	36.00000	
25		Epoxy resin	-	0.024356	6.00000	
26		Phenol resin	-	0.012184	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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