



List of Component

No. PN000030 Rev.A

Date 2020/11/30

Item	Capacitor Conductive polymer type capacitor
Part No.	TCTO series AS case
Product mass	23.99 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	-	0.311239	10.00100	
2		Phenol novolak	-	0.171164	5.50000	
3		Organic phosphorus compounds	-	0.001089	0.03500	
4		Metal hydroxide	-	0.591294	19.00000	
5		CarbonBlack	1333-86-4	0.003112	0.10000	
6		dye	-	0.000746	0.02400	
7		Silica	60676-86-0	2.027203	65.14000	
8		Chromium(trivalent)	-	0.006223	0.20000	
9	Lead frame	Iron	7439-89-6	2.433579	58.00000	
10		Nickel	7440-02-0	1.762245	42.00000	
11	Leadframe surface treatment	Copper	7440-50-8	0.569976	100.00000	
12	External surface coating	Tin	7440-31-5	0.179877	97.87000	
13		Copper	7440-50-8	0.003915	2.13000	
14	Base wire	Iron	7439-89-6	0.889681	58.00000	
15		Nickel	7440-02-0	0.644254	42.00000	
16	Capacitor element	Tantalum	7440-25-7	12.494678	89.52000	
17		Heterocyclic compound	-	1.021684	7.32000	
18		Carbon	-	0.101890	0.73000	
19		Acrylic resin	-	0.006979	0.05000	
20		Silver	7440-22-4	0.302876	2.17000	
21		Aromatic polyamide resin	-	0.029311	0.21000	
22	Inhibitor for absorption	Silicone compounds	-	0.031002	100.00000	
23	Conductive adhesive	Silver	7440-22-4	0.223289	55.00000	
24		Copper	7440-50-8	0.146154	36.00000	
25		Epoxy resin	-	0.024359	6.00000	
26		Phenol resin	-	0.012181	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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