



List of Component

No. PN000055 Rev.A

Date 2020/11/30

Item	Capacitor Tantalum chip capacitor
Part No.	TCS series P case
Product mass	18 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	0.228902	9.51976	
2		Epoxy resin	9003-35-4	0.132257	5.50037	
3		Organic phosphorus compounds	-	0.007218	0.30021	
4		Aluminum hydroxide	21645-51-2	0.240696	10.01023	
5		Carbon	-	0.007218	0.30021	
6		Silica	60676-86-0	1.788214	74.36922	
7	Lead frame	Iron	7439-89-6	0.334674	57.99980	
8		Nickel	7440-02-0	0.242352	42.00020	
9	Leadframe surface treatment	Copper	7440-50-8	0.097004	100.00000	
10	External surface coating	Tin	7440-31-5	0.072041	97.87661	
11		Copper	7440-50-8	0.001562	2.12339	
12	Base wire	Iron	7439-89-6	0.233750	58.00000	
13		Nickel	7440-02-0	0.169268	42.00000	
14	Capacitor element	Tantalum	7440-25-7	11.305386	78.67003	
15		Manganese dioxide	1313-13-9	2.192965	15.26004	
16		Carbon	-	0.057478	0.39996	
17		Silver	7440-22-4	0.448369	3.12004	
18		Copper	7440-50-8	0.293157	2.03997	
19		Aromatic polyamide resin	-	0.073285	0.50996	
20	Inhibitor for absorption	Poly(tetrafluoroethylene)	9002-84-0	0.007200	100.00000	
21	Conductive adhesive	Silver	7440-22-4	0.036848	54.99363	
22		Copper	7440-50-8	0.024122	36.00146	
23		Temp Item for auto insert system	-	0.004023	6.00327	
24		Temp Item for auto insert system	-	0.002011	3.00164	

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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