List of Component

No. PN000055_Rev.A

Item	Capacitor Tantalum chip capacitor
Part No.	TCS series P case
Product mass	18 mg

ROHM

	Date	2020/11/30
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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