

List of Component

No. PN000044 Rev.A

Date 2020/11/30

Item	Capacitor Tantalum chip capacitor
Part No.	TC series M case
Product mass	6 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	0.015316	9.52000	
2		Epoxy resin	9003-35-4	0.008848	5.50000	
3		Organic phosphorus compounds	-	0.000482	0.30000	
4		Aluminum hydroxide	21645-51-2	0.016103	10.01000	
5		Carbon	-	0.000482	0.30000	
6		Silica	60676-86-0	0.119643	74.37000	
7	Lead frame	Iron	7439-89-6	0.579913	58.00000	
8		Nickel	7440-02-0	0.419937	42.00000	
9	Leadframe surface treatment	Copper	7440-50-8	0.098985	100.00000	
10	External surface coating	Tin	7440-31-5	0.026030	97.87000	
11		Copper	7440-50-8	0.000566	2.13000	
12	Capacitor element	Tantalum	7440-25-7	3.663899	78.67000	
13		Manganese dioxide	1313-13-9	0.710704	15.26000	
14		Carbon	-	0.018629	0.40000	
15		Silver	7440-22-4	0.145308	3.12000	
16		Copper	7440-50-8	0.095009	2.04000	
17		Aromatic polyamide resin	-	0.023752	0.51000	
18	Inhibitor for absorption	PFA	26655-00-5	0.037994	100.00000	
19	Conductive adhesive	Silver	7440-22-4	0.010118	55.00000	
20		Copper	7440-50-8	0.006623	36.00000	
21		Epoxy resin	-	0.001104	6.00000	
22		Phenol resin	-	0.000555	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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