



# List of Component

No. PN000047 Rev.A

Date 2020/11/30

Item	Capacitor Conductive polymer type capacitor
Part No.	TCO series B case
Product mass	66.11 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	-	1.706887	7.00000	
2		Organic phosphorus compounds	-	0.060960	0.25000	
3		CarbonBlack	1333-86-4	0.024381	0.10000	
4		dye	-	0.024381	0.10000	
5		Silica	60676-86-0	22.543113	92.45000	
6		Chromium(trivalent)	-	0.024381	0.10000	
7	Lead frame	Iron	7439-89-6	4.750420	58.00000	
8		Nickel	7440-02-0	3.439955	42.00000	
9	Leadframe surface treatment	Copper	7440-50-8	0.810039	100.00000	
10	External surface coating	Tin	7440-31-5	0.490278	95.94000	
11		Silver	7440-22-4	0.017731	3.47000	
12		Copper	7440-50-8	0.003015	0.59000	
13	Capacitor element	Tantalum	7440-25-7	28.336161	89.52000	
14		Heterocyclic compound	-	2.317030	7.32000	
15		Carbon	-	0.231068	0.73000	
16		Acrylic resin	-	0.015827	0.05000	
17		Silver	7440-22-4	0.686876	2.17000	
18		Aromatic polyamide resin	-	0.066474	0.21000	
19	Inhibitor for absorption	Silicone compounds	-	0.032996	100.00000	
20	Conductive adhesive	Silver	7440-22-4	0.290415	55.00000	
21		Copper	7440-50-8	0.190093	36.00000	
22		Epoxy resin	-	0.031680	6.00000	
23		Phenol resin	-	0.015839	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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