

Constitution Materials List

Product	Conductive Polymer Type Capacitor	Series	TCSOM series
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- This item is in compliance with RoHS.
- Pb Free Type/Halogen Free Resin Type
【42Alloy frame/SnCu coating terminal】

Mass: 7.02 mg

No.	Part name	Substance name	CAS No.	Mass (mg)	Contents per part (%)	Contents per all (%)
1	Lead frame	Iron(Fe)	7439-89-6	0.3	52.86	4.32
		Nickel(Ni)	7440-02-0	0.22	38.09	3.11
		Copper(Cu)	7440-50-8	0.052	9.05	0.74
2	External surface coating	Tin(Sn)	7440-31-5	0.036	97.87	0.51
		Copper(Cu)	7440-50-8	0.00078	2.13	0.011
3	Mold compound	Epoxy resin	29690-82-2	0.16	9.52	2.24
		Phenol novolak	9003-35-4	0.091	5.5	1.3
		Organic phosphorus compounds	-	0.0049	0.3	0.068
		Metal hydroxide	21645-51-2	0.17	10.01	2.36
		Carbon	-	0.0049	0.3	0.068
		Silicone compounds	60676-86-0	1.23	74.37	17.51
4	Capacitor element	Tantalum(Ta)	7440-25-7	4.17	89.52	59.51
		Heterocyclic compound	-	0.34	7.32	4.87
		Carbon	-	0.034	0.73	0.49
		Acrylic resin	-	0.0023	0.05	0.033
		Silver(Ag)	7440-22-4	0.1	2.17	1.44
		Aromatic polyamide resin	-	0.0098	0.21	0.14
5	Conductive adhesive	Silver(Ag)	7440-22-4	0.035	55	0.5
		Copper(Cu)	7440-50-8	0.023	36	0.32
		Epoxy resin	-	0.0038	6	0.053
		Phenol resin	-	0.0019	3	0.027
6	Inhibitor for absorption	Silicone compounds	-	0.027	100	0.38
				7.01638		100

- ※ Constitution Materials List is composed using the information provided by the raw material suppliers.
However, due to the confidentiality of some suppliers, some information may not be provided fully.
Therefore we cannot guarantee that all chemical substances information are listed in it.
- ※ The content shown is the representative value content.
- ※ Impurities are not specified.

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