



Full Material Declaration Sheet

Part Name Tantalum Capacitor
Series Conformal Coated Chip

Part No. F951A226MPAAQ2

Part Weight 18 mg

Date: 2021/5/23
Company: AVX Japan Corporation
Devison: Environmental Management Section
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No.	Component Name	Material Name	Material No.	Content in Part (%)	Part Weight (mg)	Chemical Substance Name	CAS No.	Content in Material (%)	Substance Weight (mg)	Content in Product (%)
1	Anode	Tantalum	0A-M400	49.00	8.820	Tantalum	7440-25-7	99.50	8.776	48.76
						Tantalum (V) oxide	1314-61-0	0.50	0.044	0.25
2	Electrolyte	Manganese dioxide	0B-M213	12.00	2.160	Manganese dioxide	1313-13-9	100.00	2.160	12.00
3	Graphite Layer	Graphite	0B-M214	1.00	0.180	Graphite	7782-42-5	100.00	0.180	1.00
4	Cathode Silver	Silver Paste	0B-M255	20.00	3.600	Silver	7440-22-4	77.80	2.801	15.56
						Bisphenol A, epichlorohydrin polymer	25068-38-6	22.20	0.799	4.44
5	Encapsulant	Epoxy Resin	0B-M410	6.00	1.080	Bisphenol A, epichlorohydrin polymer	25068-38-6	50.00	0.540	3.00
						Silica	60676-86-0	40.00	0.432	2.40
						Iron hydroxide	20344-49-4	10.00	0.108	0.60
6	Base Plating	Nickel Plating	0B-M264	3.00	0.540	Nickel	7440-02-0	100.00	0.540	3.00
7	External Electrode	Solder	0B-M421	9.00	1.620	Tin	7440-31-5	98.86	1.602	8.90
						Copper	7440-50-8	1.14	0.018	0.10
Total				100.00	18.000				18.000	100.00