

CAL-CHIP ELECTRONICS

TC Series A Case

Part Wt (g): .026

Max. Temp. 260c 5 sec.

Desc: Tantalum capacitor

MSL #1

Part Section	Materials	Weight(g)	%of component	CAS No.	.
Tantalum pellet	Tantalum	.00765	29.42	7440-25-7	
Tantalum wire	Tantalum	.00057	2.19	7440-25-7	
Teflon washer	Tetrafluoroethylene-perfluoro	.0001	0.38	26655-00-5	
Manganese layer	Mn-(N-O3)2	.0016	6.15	10377-66-9	
Carbon layer	Graphite	.0003	1.154	7782-42-5	
	Water	.00114	4.385	7732-18-5	
	Ammonium Hydroxide	.00006	0.231	1336-21-6	
Silver paste layer	1-Methoxy-2-Propanol Acetate	.0002265	0.871	108-65-6	
	Glycol Ether solvent	.0002265	0.871	proprietary	
	Tert-Butyl Acetate	.000302	1.162	540-88-5	
	Silver	.0006795	2.613	7440-22-4	
	N-Amyl Acetate	.0000755	0.290	628-63-7	
Termination Lead frame	Ni (inner)	.001968	7.569	7440-02-0	
	Fe (contact)	.00259104	9.966	7439-86-6	
	Sn 100% matte finish (outer)	.00016512	0.635	7440-31-5	
Silver Adhesion	Epoxy Resin	.0000375	0.115	9003-36-5	
	Silver	.00024	0.981	7440-2-4	
Mold Epoxy Resin	Antimony Oxide	.000008 .00024	0.923	139-64-4	
	Epoxy resin	.00024 .0016	3.692	Proprietary	
	Phenolic Resin	.00016 .0012	3.385	Proprietary	
	Carbon black	.000008 .00004	0.154	33-86-4	
	Amorphous Silica	.0056-.0072	21.54	60676-86-0	
Marking Ink	Blocked Hexamethylene Diisocyanate	.00012	0.46	153519-43-8	

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