

CAL-CHIP ELECTRONICS
TC Series B Case

Part Wt (g): .059

Desc: Tantalum capacitor

MSL #1

Part Section	Materials	Weight(g)	%of component	CAS No.	.
Tantalum pellet	Tantalum	.0183	31.02	7440-25-7	
Tantalum wire	Tantalum	.0008	1.36	7440-25-7	
Teflon washer	Tetrafluoroethylene-perfluoro	.00042	0.71	26655-00-5	
Manganese layer	Mn-(N-O3)2	.00369	6.25	10377-66-9	
Carbon layer	Graphite	.00056	0.949	7782-42-5	
	Water	.002128	3.607	7732-18-5	
	Ammonium Hydroxide	.000112	0.190	1336-21-6	
Silver paste layer	1-Methoxy-2-Propanol Acetate	.0004155	0.704	108-65-6	
	Glycol Ether solvent	.0004155	0.704	proprietary	
	Tert-Butyl Acetate	.000554	0.939	540-88-5	
	Silver	.0012465	2.113	7440-22-4	
	N-Amyl Acetate	.0001385	0.235	628-63-7	
Termination Lead frame	Ni	.0041	6.949	7440-02-0	
	Fe	.005398	9.149	7439-89-6	
	Sn	.000344	0.583	7440-31-5	
Silver Adhesion	Epoxy Resin	.0000677	0.088	9003-36-5	
	Silver	.0004	0.72	7440-22-4	
Mold Epoxy Resin	Antimony Oxide	.00002 .0006	1.017	1309-64-4	
	Epoxy resin	.0006 .004	4.068	Proprietary	
	Phenolic Resin	.0004 .003	3.7295	Proprietary	
	Carbon black	.00002 .0001	0.169	1333-86-4	
	Amorphous Silica	.014-.018	23.73	60676-86-0	
Marking Ink	Blocked Hexamethylene Diisocyanate	.00012	0.2	153519-43-8	

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