

CAL-CHIP ELECTRONICS
TC Series C Case

Part Wt (g): .16

Desc: Tantalum capacitor

MSL #1

Part Section	Materials	Weight(g)	%of component	CAS No.	.
Tantalum pellet	Tantalum	.0569	35.56	7440-25-7	
Tantalum wire	Tantalum	.0026	1.63	7440-25-7	
Teflon washer	Tetrafluoroethylene-perfluoro	.00042	0.26	26655-00-5	
Manganese layer	Mn-(N-O3)2	.01	6.25	10377-66-9	
Carbon layer	Graphite	.0014	0.875	7782-42-5	
	Water	.00532	3.325	7732-18-5	
	Ammonium Hydroxide	.00028	0.175	1336-21-6	
Silver paste layer	1-Methoxy-2-Propanol Acetate	.0011685	0.730	108-65-6	
	Glycol Ether solvent	.0011685	0.730	proprietary	
	Tert-Butyl Acetate	.001558	0.974	540-88-5	
	Silver	.0035055	2.191	7440-22-4	
	N-Amyl Acetate	.0003895	0.243	628-63-7	
Termination Lead frame	Ni	.00697	4.356	7440-02-0	
	Fe	.0091766	5.735	7439-89-6	
	Sn	.0005848	0.366	7440-31-5	
Silver Adhesion	Epoxy Resin	.0001	0.050	9003-36-5	
	Silver	.00064	0.42	7440-22-4	
Mold Epoxy Resin	Antimony Oxide	.000057 .0011	1.069	1309-64-4	
	Epoxy resin	.00171 .0114	4.275	Proprietary	
	Phenolic Resin	.00114 .00855	3.919	Proprietary	
	Carbon black	.000057 .000285	0.178	1333-86-4	
	Amorphous Silica	.039-.0513	24.94	60676-86-0	
Marking Ink	Blocked Hexamethylene Diisocyanate	.00012	0.08	153519-43-8	

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