

MATERIAL DECLARATION



Material Number	3009 (250Ω to 50KΩ)		
Product Line	Trimpot® Trimmers		
Original Compliance Date	3-9-2011 Updated 6/22/2021		
RoHS Compliant	RoHS 3.0	MSL	N/A



No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material	CASRN	Material Mass %	Subpart mass of total wt. (%)
				Substance			
1	Contact Spring	Nickel Silver	0.01	Nickel	7440-02-0	55	0.72
				Copper	7440-50-8	18	
				Zinc	7440-66-6	27	
2	Housing	PBT	0.46	Polybutylene terephthalate	30965-26-5	49	32.89
				Glass fiber	65997-17-3	35	
				Brominated flame retardant	trade secret	10	
				Antimony trioxide	1309-64-4	6	
3	Post	Nylon	0.02	Polyamide 66	32131-17-2	90	1.50
				Glass fiber	65997-17-3	10	
4	Potting	Epoxy	0.31	Cycloaliphatic epoxide	trade secret	40	22.17
				Polyether polyol resins	39072-02-1	15	
				Silicon dioxide	67762-90-7	25	
				Hydrated alumina	21645-51-2	20	
5	Shaft	Brass	0.24	Copper	7440-50-8	62	16.87
				Zinc	7440-66-6	35.05	
				Iron	7439-89-6	0.35	
				Lead	7439-92-1	2.6	
6	Substrate	Alumina	0.24	Aluminum oxide	1344-28-1	96	17.37
				Silicon dioxide	1309-48-4	1	
				Magnesium oxide	7631-86-9	2	
				Calcium oxide	1305-78-8	1	
7	Termination	Ink	0.01	Silver	7440-22-4	94	0.72

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	Ink			Palladium	7440-05-3	3	
				Copper	7440-50-8	1.2	
				Bismuth	7440-69-9	2	
8	Resistive Ink	Ink	0.01	Silver	7440-22-4	11	0.72
				Boron	7440-42-8	21	
				Silicon	7440-21-3	8	
				Calcium	7440-70-2	5	
				Ruthenium dioxide	12036-10-1	24	
				Barium	7440-39-3	20	
				Copper	7440-50-8	2	
				Magnesium	7439-95-4	1.5	
				Titanium	7440-32-6	1.8	
				Aluminum	7429-90-5	3.7	
				Zinc	7440-32-6	2	
9	Terminals	Copper	0.09	Copper	7440-50-8	100	
		Plating	0.01	Tin	7440-31-5	100	
10	Lubricant	Lubricant	0.001	Polydimethylsiloxane	63148-62-9	58	0.07
				Dimethyl siloxane	70131-67-8	9.5	
				Silica, amorphous	7631-86-9	12.5	
				Siloxane/silicones	63148-56-1	14	
				Tetrafluoroethene	9002-84-0	6	
		Total Weight	1.40				

This Document was updated on: 6/22/2021

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.