


MATERIAL DECLARATION SHEET



Material Number	3296 (10Ω to 250Ω) LF			
Product Line	Trimpot® Trimmers			
Original Compliance Date	3-9-2011			
RoHS Compliant	RoHS 3.0	MSL	N/A	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material	CASRN	Subpart Materials Mass %	Subpart mass of total wt. (%)
				Substances	if applicable		
1	Contact Spring	Stainless Steel	0.007	Carbon	7440-44-0	0.18	0.83
				Manganese	7439-96-5	2	
				Phosphorus	7723-14-0	0.045	
				Sulfur	7704-34-9	0.03	
				Silicon	7440-21-3	0.75	
				Chromium	7440-47-3	17	
				Nickel	7440-02-0	8	
				Iron	7439-89-6	71.995	
2	Housing	Polybutylene terephthalate	0.300	Polybutylene terephthalate	30965-26-5	49	36.00
				Glass fiber	65997-17-3	35	
				Brominated flame retardant	trade secret	10	
				Antimony trioxide	1309-64-4	6	
3	Rotor	Nylon	0.038	Polyamide 66	32131-17-2	60	4.56
				Glass fiber	65997-17-3	30	
				Carbon black	1333-86-4	2	
				Tetrafluoroethylene polymer	9002-84-0	8	
4	Potting	Epoxy	0.078	Epoxy resin	25068-38-6	64	9.36
				Antimony trioxide	1309-64-4	11	
				Aluminum oxide	1344-28-1	10	
				Kaolin clay	1332-58-7	6	
				Magnesium alumino silicate	1302-88-1	9	

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5	Shaft	Brass	0.102	Copper	7440-50-8	62	12.24
				Zinc	7440-66-6	35.05	
				Iron	7439-89-6	0.35	
				Lead	7439-92-1	2.6	
6	Substrate	Ceramic	0.144	Aluminum oxide	1344-28-1	96	17.28
				Silicon dioxide	7631-86-9	2	
				Magnesium oxide	1309-48-4	1	
				Calcium oxide	1305-78-8	1	
7	Termination Ink	Ink	0.004	Silver	7440-22-4	94	0.48
				Palladium	7440-05-3	3	
				Bismuth	7440-69-9	1.0	
				Copper	7440-50-8	2	
8	Resistive Ink	Ink	0.005	Silver	7440-22-4	25	0.60
				Palladium	7440-05-3	30	
				Barium	7440-39-3	21	
				Boron	7440-42-8	20	
				Manganese	7439-96-5	4	
9	Terminals	Copper	0.151	Copper	7440-50-8	99.999	18.53
		Oxygen		7782-44-7	0.001		
		Plating	0.003	Tin	7440-31-5	100	
10	Lubricant	Lubricant	0.001	Polydimethylsiloxane	63148-62-9	58	0.12
				Dimethyl siloxane	70131-67-8	9.5	
				Silica, amorphous	7631-86-9	12.5	
				Siloxane/silicones	63148-56-1	14	
				Tetrafluoroethane	9002-84-0	6	
Total Weight			0.833				

This Document was updated on: 8-27-2020
Important remarks:

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1. It is the responsibility of the user to verify they are accessing the latest version.
2. Non RoHS complaint versions available without the LF suffix