


# MATERIAL DECLARATION SHEET



Material Number	3296 (251Ω to 50KΩ) 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	Materials Mass %	Subpart mass of total wt. (%)
				Substances	if applicable		
1	Contact Spring	Stainless Steel	0.0069	Carbon	7440-44-0	0.18	0.8
				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	
2	Housing	Polybutylene terephthalate	0.3	Polybutylene Terephthalate	30965-26-5	49	36.0
				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	4.6
				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	9.4
				Antimony Trioxide	1309-64-4	11	
				Aluminum Oxide	1344-28-1	10	
				Kaolin Clay	1332-58-7	6	

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				Magnesium Aluminio Silicate	1302-88-1	9	
5	Shaft	Brass	0.102	Copper	7440-50-8	62	12.2
				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	17.3
				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	0.5
				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	27.5	0.6
				Boron	7440-42-8	16	
				Silicon	7440-21-3	16	
				Barium	7440-39-3	4	
				Carbon	7440-44-0	3	
				Calcium	7440-70-2	7	
				Ruthenium Dioxide	12036-10-1	16	
				Titanium	7440-32-6	0.2	
				Magnesium	7439-95-4	0.6	
				Carbon	7440-44-0	0.5	
				Copper	7440-50-8	1.1	
				Manganese	7439-96-5	1.1	
				Aluminum	7429-90-5	7	
9	Terminals	Copper	0.151	Copper	7440-50-8	99.999	18.5
				Oxygen	7782-44-7	0.001	

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		Plating	0.0034	Tin	7440-31-5	100	
10	Lubricant	Lubricant	0.0001	Polydimethylsiloxane	63148-62-9	58	0.1
				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	0.8329				

**This Document was updated on: 8-26-2020**

**Important remarks:**

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