

MATERIAL DECLARATION SHEET



Material Number	3299 (51KΩ to 2MΩ) LF		
Product Line	Trimmer		
Compliance Date	3-1-2005		
RoHS Compliant	Yes DC 509	MSL	



No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material	CASRN	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substances	if applicable			
1	Contact Spring	Stainless Steel	0.007	Carbon	7440-44-0	0.18	0.0015	0.84
				Manganese	7439-96-5	2	0.0167	
				Phosphorus	7723-14-0	0.045	0.0004	
				Sulfur	7704-34-9	0.03	0.0003	
				Silicon	7440-21-3	0.75	0.0063	
				Chromium	7440-47-3	17	0.1421	
				Nickel	7440-02-0	8	0.0669	
				Iron	7439-89-6	71.995	0.6018	
2	Housing	PBT	0.305	Polybutylene terephthalate	30965-26-5	49	17.8469	36.42
				Glass fiber	65997-17-3	35	12.7478	
				Brominated flame retardant	Trade secret	10	3.6422	
				Antimony trioxide	1309-64-4	6	2.1853	
3	Rotor	Nylon	0.038	Polyamide 66	32131-17-2	60	2.7227	4.54
				Glass fiber	65997-17-3	30	1.3614	
				Tetrafluoroethylene polymer	9002-84-0	8	0.3630	
4	Potting	Epoxy	0.078	Epoxy resin	25068-38-6	64	5.9613	9.31
				Antimony trioxide	1309-64-4	11	1.0246	
				Aluminum oxide	1344-28-1	10	0.9315	
				Kaolin clay	1332-58-7	6	0.5589	
5	Shaft	Brass	0.102	Magnesium alumino silicate	1302-88-1	9	0.8383	12.18
				Copper	7440-50-5	61.5	7.4910	
				Zinc	7440-66-6	35.4	4.3119	
				Lead	7439-92-1	3.1	0.3776	

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6	Substrate	Ceramic	0.144	Aluminum oxide	1344-28-1	96	16.5082	17.20
				Silicon dioxide	7631-86-9	2	0.3439	
				Magnesium oxide	1309-48-4	1	0.1720	
				Calcium oxide	1305-78-8	1	0.1720	
7	Termination Ink	Ink	0.004	Silver	7440-22-4	88	0.4203	0.48
				Palladium	7440-05-3	6	0.0287	
				Lead oxide	1317-36-8	1.0	0.0048	
				Bismuth trioxide	1304-76-3	2.9	0.0139	
				Boron oxide	1303-86-2	0.9	0.0043	
				Copper oxide	1317-39-1	1.2	0.0057	
8	Resistive Ink	Ink	0.005	Ruthenium Dioxide	12036-10-1	9.7	0.0582	0.60
				Boron oxide	1303-86-2	3.5	0.021	
				Silicon dioxide	7631-86-9	10.4	0.0624	
				Lead oxide	1317-36-8	76.4	0.4584	
9	Terminals	Copper	0.151	Copper	7440-50-8	100	18.0320	18.44
		Plating	0.0034	Tin	7440-31-5	100	0.4060	
		Total Weight	0.8374					

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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 (terminal plating Sn90Pb10)
3. Please see RoHS Certificate of Compliance for exemptions used.