


MATERIAL DECLARATION SHEET



Material Number	3299 (250Ω to 50KΩ) 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	35	0.2090	0.60
				Calcium Silicate borate glass	59794-15-9	46	0.2747	
				Silver	7440-22-4	7	0.0418	
				Titanium dioxide	13463-67-7	5	0.0299	
				Manganese dioxide	1313-13-9	6	0.0358	
				Cuprous oxide	1317-39-1	1	0.0060	
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					

This Document was updated on: 8-5-2011

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
3. RoHS exemptions: 6c – copper alloy containing up to 4% lead by weight; 7(c)-I – electrical and electronic components containing lead in a glass or ceramic...