

MATERIAL DECLARATION SHEET



Material Number	3252 (10Ω to 250Ω) 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	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substance				
1	Contact Spring	Nickel-Silver	0.0076	Copper	7440-50-8	65	0.2897	0.45
				Nickel	7440-02-0	18	0.0802	
				Zinc	7440-66-6	17	0.0758	
2	Housing	PBT	0.739	Polybutylene terephthalate	30965-26-5	55	23.8387	43.34
				Glass fiber	65997-17-3	30	13.0029	
				Antimony trioxide	1309-64-4	4	1.7337	
				Brominated FR (TBBPA polycarbonate polymer)	trade secret	11	4.7677	
3	Rotor	Nylon	0.0078	Polyamide 66	32131-17-2	60	0.2745	0.46
				Glass fiber	65997-17-3	30	0.1372	
				Carbon black	1333-86-4	2	0.0091	
				Tetrafluoroethylene polymer	9002-84-0	8	0.0366	
4	Potting	Epoxy	0.251	Epoxy resin	25068-38-6	64	9.4217	14.72
				Antimony trioxide	1309-64-4	11	1.6194	
				Aluminum oxide	1344-28-1	10	1.4721	
				Kaolin clay	1332-58-7	6	0.8833	
				Magnesium alumino silicate	1302-88-1	9	1.3249	
5	Shaft	Brass	0.13	Copper	7440-50-8	70	5.3372	7.62
				Zinc	7440-66-6	29.99	2.2874	
				Nickel (plating)	7440-02-0	0.01	0.0008	
6	Substrate	Ceramic	0.333	Aluminum oxide	1344-28-1	96	18.7496	19.53
				Silicon dioxide	7631-86-9	2	0.3906	
				Magnesium oxide	1309-48-4	1	0.1953	
				Calcium oxide	1305-78-8	1	0.1953	

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7	Spring Clip	Alloy	0.003	Cobalt	7440-48-4	40	0.0704	0.18
				Chromium	7440-47-3	20	0.0352	
				Nickel	7440-02-0	15	0.0264	
				Molybdenum	7439-98-7	7	0.0440	
				Magnesium	7439-95-4	2	0.0035	
				Carbon	7440-44-0	0.15	0.0003	
				Beryllium	7440-41-7	0.04	0.0001	
				Iron	7439-89-6	15.81	0.0278	
8	Termination Ink	Ink	0.002	Silver	7440-22-4	96	0.1126	0.12
				Copper oxide	1317-39-1	1.2	0.0014	
				Bismuth trioxide	1304-76-3	1.2	0.0014	
				Lead oxide	1317-36-8	1.1	0.0013	
				Boron oxide	1303-86-2	0.5	0.0006	
9	Resistive Ink	Ink	0.0118	Silver	7440-22-4	25	0.1730	0.69
				Palladium	7440-05-3	30	0.2076	
				Barium borate glass	13701-59-2	41	0.2838	
				Manganese dioxide	1313-13-9	4	0.0277	
10	Terminals	Copper	0.212	Copper	7440-50-8	100	12.4340	12.43
		Plating	0.0077	Tin	7440-31-5	100	0.4516	0.45
		Total Weight	1.705					

10*	Lead Wires	Teflon	0.5698	Polytetrafluoroethylene	9002-84-0	50	13.8637	27.73
		Copper		Copper	7440-50-8	49.9	13.8360	
		Silver plating		Silver	7440-22-4	0.1	0.0277	
		Total Weight		2.055				

This Document was updated on: 12-15-2011

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. *Optional lead wires terminals available for this model
4. RoHS exemption: 7(c)-I – electrical and electronic components containing lead in a glass or ceramic...