

MATERIAL DECLARATION SHEET



Material Number	3009 (10Ω to 200Ω)			
Product Line	Trimmer			
Compliance Date	3-1-2005			
RoHS Compliant	Yes DC 509	MSL	1	

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	Ni/Ag	0.007	Nickel	7440-02-0	55	0.3456	0.51
				Copper	7440-50-8	18	0.1131	
				Zinc	7440-66-6	27	0.1697	
2	Housing	PBT	0.4574	Polybutylene terephthalate	30965-26-5	55	22.5826	33.28
				Glass fiber	65997-17-3	30	12.3178	
				Antimony trioxide	1309-64-4	4	1.6424	
				Brominated FR (TBBPA polycarbonate polymer)	trade secret	11	4.5165	
3	Post	Nylon	0.021	Polyhexamethylene adipamide	32131-17-2	90	1.3753	1.53
				Glass fiber	65997-17-3	10	0.1528	
4	Potting	Epoxy	0.311	Cycloaliphatic epoxide	trade secret	40	11.1670	22.63
				Polyetherpolyol resins	39072-02-1	15	4.1876	
				Silicon dioxide	67762-90-7	25	6.9794	
				Hydrated alumina	21645-51-2	20	5.5835	
5	Shaft	Brass	0.236	Copper	7440-50-8	61.5	10.5618	17.17
				Zinc	7440-66-6	35.4	6.0795	
				Lead	7439-92-1	3.1	0.5324	
6	Substrate	Alumina	0.243	Aluminum Oxide	1344-28-1	96	20.9408	17.68
				Manganese oxide	1344-43-0	1	0.2181	
				Silicon oxide	7631-86-9	2	0.4363	
				Calcium oxide	1305-78-8	1	0.2181	

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7	Termination Ink	Ink	0.0027	Silver	7440-22-4	88	0.1729	0.20
				Palladium	7440-05-3	6	0.0118	
				Lead	7439-92-1	1.0	0.0020	
				Bismuth trioxide	1304-76-3	2.9	0.0057	
				Boron	7440-42-8	0.9	0.0018	
				Copper oxide	1317-39-1	1.2	0.0023	
8	Resistive Ink	Ink	0.006	Silver	7440-22-4	25	0.1234	0.40
				Palladium	7440-05-3	30	0.1481	
				Barium borate glass	13701-59-2	41	0.2024	
				Manganese dioxide	1313-13-9	4	0.0197	
9	Terminals	Copper	0.0876	Copper	7440-50-8	100	6.3746	6.59
		Plating	0.003	Tin	7440-31-5	100	0.2183	
		Total Weight	1.3742					

This Document was updated on: 2-9-2017

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. RoHS exemptions: 6c – copper alloy containing up to 4% lead; 7(c)-I – electrical and electronic components containing lead in a glass or ceramic...