


MATERIAL DECLARATION SHEET



Material Number	3362 (10-200Ω) series			
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	Ni/Ag	0.0059	Nickel	7440-02-0	18	0.3194	1.77
				Copper	7440-50-8	55	0.9759	
				Zinc	7440-66-6	27	0.4791	
2	Housing	PBT	0.159	Polybutylene phthalate	30965-26-5	49	23.4316	47.82
				Glass fiber	65997-17-3	35	16.7368	
				Brominated flame retardant	Trade secret	10	4.7820	
				Antimony trioxide	1309-64-4	6	2.8692	
3	Rotor	PBT	0.025	Polybutylene phthalate	30965-26-5	49	3.6842	7.52
				Glass fiber	65997-17-3	35	2.6316	
				Brominated flame retardant	Trade secret	10	0.7519	
				Antimony trioxide	1309-64-4	6	0.4511	
4	Potting	Epoxy	0.035	Epoxy resin	25085-99-8	49	5.1579	10.53
				Antimony trioxide	1309-64-4	11	1.1579	
				Silicon dioxide	7440-21-3	11	1.1579	
				Aluminum oxide	1344-28-1	11	1.1579	
				Kaolin clay	1332-58-7	9	0.9474	
				Mg alumino silicate	1302-88-1	9	0.9474	
5	O-ring	Rubber	0.002	Silicon Rubber	63394-02-5	100	0.6015	0.60
6	Substrate	Alumina	0.057	Alumina	1344-28-1	96	16.4571	17.14
				Silicon Oxide	7631-86-9	2	0.3429	
				Magnesium Oxide	1309-48-4	1	0.1714	
				Calcium Oxide	1305-78-8	1	0.1714	

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7	Termination Ink	Ink	0.002	Silver	7440-22-4	94	0.5642	0.60
				Palladium	7440-05-3	3	0.0174	
				Copper oxide	1317-39-1	1.2	0.0072	
				Bismuth trioxide	1304-76-3	2	0.0126	
8	Resistive Ink	Ink	0.003	Silver	7440-22-0	25	0.2256	0.90
				Palladium	7440-05-3	30	0.2707	
				Barium borate glass	13701-59-2	41	0.3699	
				Manganese dioxide	1313-13-9	4	0.0361	
9	Terminals	Copper	0.04	Copper	7440-50-8	100	12.0301	12.03
10	Coating	Solder	0.0022	Tin	7440-31-5	100	0.6617	0.66
11	Seal Ball	Stainless Steel	0.0014	Iron	7439-89-6	69.775	0.2938	0.43
				Carbon	7440-44-0	0.15	0.0006	
				Manganese	7439-96-5	2.00	0.0084	
				Phosphorus	7723-14-0	0.045	0.0002	
				Silicon	7440-21-3	1.00	0.0042	
				Sulfur	7704-34-9	0.03	0.0001	
				Chromium	7440-47-3	18.00	0.0758	
				Nickel	7440-02-0	9.00	0.0378	
Total Weight			0.3325					

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Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.