


# MATERIAL DECLARATION SHEET



Material Number	3362 (10-200Ω) series			
Product Line	Trimmer			
Compliance Date	3-9-2011			
RoHS Compliant	Yes DC 509	MSL	N/A	

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	0.32	1.77
				Copper	7440-50-8	55	0.98	
				Zinc	7440-66-6	27	0.48	
2	Housing	PBT	0.159	Polybutylene Terephthalate	30965-26-5	49	23.43	47.82
				Glass Fiber	65997-17-3	35	16.74	
				Brominated Flame Retardant	trade secret	10	4.78	
				Antimony Trioxide	1309-64-4	6	2.87	
3	Rotor	PBT	0.025	Polybutylene Terephthalate	30965-26-5	49	3.68	7.52
				Glass Fiber	65997-17-3	35	2.63	
				Brominated Flame Retardant	trade secret	10	0.75	
				Antimony Trioxide	1309-64-4	6	0.45	
4	Potting	Epoxy	0.035	Epoxy Resin	25085-99-8	49	5.16	10.53
				Antimony Trioxide	1309-64-4	11	1.16	
				Silicon Dioxide	7440-21-3	11	1.16	
				Aluminum Oxide	1344-28-1	11	1.16	
				Kaolin Clay	1332-58-7	9	0.95	
				Magnesium Alumino Silicate	1302-88-1	9	0.95	
5	UV Epoxy	Epoxy	0.0001	Cycloaliphatic Epoxide	trade secret	40	0.01	0.03
				Polyetherpolyol Resins	39072-02-1	15	0.00	
				Silicon Dioxide	67762-90-7	25	0.01	

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				Hydrated Alumina	21645-51-2	20	0.01	
6	O-ring	Rubber	0.002	Silicon Rubber	63394-02-5	100	0.60	0.60
7	Substrate	Alumina	0.057	Alumina	1344-28-1	96	16.46	17.14
				Silicon Oxide	7631-86-9	2	0.34	
				Magnesium Oxide	1309-48-4	1	0.17	
				Calcium Oxide	1305-78-8	1	0.17	
8	Termination Ink	Ink	0.002	Silver	7440-22-4	94	0.56	0.60
				Palladium	7440-05-3	3	0.02	
				Copper	7440-50-8	1.2	0.01	
				Bismuth	7440-69-9	1.8	0.01	
9	Resistive Ink	Ink	0.003	Silver	7440-22-4	25	0.23	0.90
				Palladium	7440-05-3	30	0.27	
				Barium	7440-39-3	2	0.02	
				Boron	7440-42-8	2	0.02	
				Manganese	7439-96-5	4	0.04	
10	Terminals	Copper	0.04	Copper	7440-50-8	100	12.03	12.03
11	Lubricant	Lubricant	0.0001	Polydimethylsiloxane	63148-62-9	58	12.03	0.03
				Dimethyl Siloxane	70131-67-8	9.5	6.98	
				Silica, Amorphous	7631-86-9	12.5	1.14	
				Siloxane/Silicones	63148-56-1	14	1.50	
				Tetrafluoroethane	9002-84-0	6	1.68	
12	Coating	Solder	0.002	Tin	7440-31-5	100	0.60	0.60
13	Seal Ball	Stainless Steel	0.0014	Stainless Steel	65997-19-5	100	0.43	0.43
		Total Weight	0.3325					

**This Document was updated on: 10-28-2019**

**Important remarks:**

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