


# MATERIAL DECLARATION SHEET

Material Number	3082 (10Ω to 250Ω)			
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	Pal 7	0.005	Palladium	7440-05-3	43	0.7544	1.75
				Silver	7440-22-0	37	0.6492	
				Copper	7440-50-8	15	0.2632	
				Platinum	7440-06-4	1	0.0175	
				Nickel	7440-02-0	4	0.0702	
2	Housing	Polybutylene terephthalate	0.109	Polybutylene terephthalate	30965-26-5	49	18.7417	38.25
				Glass fiber	65997-17-3	35	13.3869	
				Brominated flame retardant	trade secret	10	3.8248	
				Antimony trioxide	1309-64-4	6	2.2949	
3	Post	Polybutylene terephthalate	0.0049	Polybutylene terephthalate	30965-26-5	49	0.8425	1.72
				Glass fiber	65997-17-3	35	0.6018	
				Brominated flame retardant	trade secret	10	0.1719	
				Antimony trioxide	1309-64-4	5	0.0860	
				Carbon black	1333-86-4	1	0.0172	
4	Potting	Epoxy	0.0252	Epoxy resin	25068-38-6	64	5.6593	8.84
				Antimony trioxide	1309-64-4	11	0.9727	
				Aluminum oxide	1344-28-1	10	0.8843	
				Kaolin clay	1332-58-7	6	0.5306	
				Mg alumino silicate	1302-88-1	9	0.7958	

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5	Substrate	Ceramic	0.061	Aluminum Oxide	1344-28-1	96	20.5488	21.41
				Silicon oxide	7631-86-9	2	0.4281	
				Magnesium oxide	1309-48-4	1	0.2141	
				Calcium oxide	1305-78-8	1	0.2141	
6	Shaft	Brass	0.055	Copper	7440-50-8	70	13.5097	19.30
				Zinc	7440-66-6	30	5.7899	
7	Termination Ink	Ink	0.0007	Silver	7440-22-4	82	0.2014	0.25
				Boron	7440-42-8	2	0.0049	
				Bismuth	7440-69-9	14	0.0344	
				Barium	7440-39-3	2	0.0049	
8	Resistive Ink	Ink	0.0013	Silver	7440-22-4	25	0.1140	0.46
				Palladium	7440-05-3	30	0.1369	
				Barium	7440-39-3	2	0.0091	
				Boron	7440-42-8	2	0.0091	
				Manganese	7439-96-5	4	0.0182	
9	Terminals	Copper	0.022	Copper	7440-50-8	100	7.7198	8.0
		Plating	0.0008	Tin	7440-31-5	100	0.2737	
10	Lubricant	Lubricant	0.0001	Polydimethylsiloxane	63148-62-9	58	0.030	0.02
				Dimethyl siloxane	70131-67-8	9.5	0.005	
				Silica, amorphous	7631-86-9	12.5	0.007	
				Siloxane/silicones	63148-56-1	14	0.007	
				Tetrafluoroethane	9002-84-0	6	0.003	
Total weight			0.285					

**This Document was updated on: 1-20-2020**

**Important remarks:**

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