


# MATERIAL DECLARATION SHEET



Material Number	PV37 (251Ω to 25KΩ) LF			
Product Line	Trimmer			
Compliance Date	March 2005			
RoHS Compliant	Yes	MSL	N/A	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material	CASRN	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substances	if applicable			
1	Contact Spring	Ni/Ag	0.007	Copper	7440-50-8	65	1.1868	1.83
				Nickel	7440-02-0	18	0.3286	
				Zinc	7440-66-6	17	0.3104	
2	Housing	Polybutylene terephthalate	0.164	Polybutylene terephthalate	30965-26-5	49	20.9598	42.78
				Glass fiber	65997-17-3	35	14.9713	
				Brominated flame retardant	trade secret	10	4.2775	
				Antimony trioxide	1309-64-4	6	2.5665	
3	Rotor	Nylon	0.025	Polyamide 66	32131-17-2	60	3.9124	6.52
				Glass fiber	65997-17-3	30	1.9562	
				Tetrafluoroethylene polymer	9002-84-0	8	0.5216	
4	Potting	Epoxy	0.035	Epoxy resin	25068-38-6	64	5.8425	9.13
				Antimony trioxide	1309-64-4	11	1.0042	
				Aluminum oxide	1344-28-1	10	0.9129	
				Kaolin clay	1332-58-7	6	0.5477	
				Magnesium alumino silicate	1302-88-1	9	0.8216	

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5	Shaft	Brass	0.049	Copper	7440-50-8	62	7.9238	12.78
				Zinc	7440-66-6	35.05	4.4795	
				Iron	7439-89-6	0.35	0.0447	
				Lead	7439-92-1	2.6	0.3323	
6	Substrate	Ceramic	0.06	Aluminum oxide	1344-28-1	96	15.0235	15.65
				Silicon dioxide	7631-86-9	2	0.3130	
				Magnesium oxide	1309-48-4	1	0.1565	
				Calcium oxide	1305-78-8	1	0.1565	
7	Termination Ink	Ink	0.0002	Silver	7440-22-4	94	0.0489	0.05
				Palladium	7440-05-3	3	0.0015	
				Copper	7440-50-8	1.2	0.0006	
				Bismuth	7440-69-9	2	0.0011	
8	Resistive Ink	Ink	0.002	Silver	7440-22-4	27.5	0.1435	0.52
				Boron	7440-42-8	16	0.0835	
				Silicon	7440-21-3	16	0.0835	
				Barium	7440-39-3	4	0.0209	
				Carbon	7440-44-0	3.5	0.0156	
				Calcium	7440-70-2	7	0.0365	
				Ruthenium dioxide	12036-10-1	16	0.0835	
				Titanium	7440-32-6	0.2	0.0010	
				Magnesium	39409-82-0	0.6	0.0031	
				Copper	7440-50-8	1.1	0.0057	
				Manganese	7439-96-5	1.1	0.0057	
				Aluminum	7429-90-5	7	0.0365	

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9	Terminals	Copper	0.040	Copper	7440-50-8	99.999	10.4329	10.75
		Plating	0.0012	Oxygen	7782-44-7	0.001	0.0001	
				Tin	7440-31-5	100	0.3130	
10	Lubricant	Lubricant	0.0001	Polydimethylsiloxane	63148-62-9	58	0.030	0.052
				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	0.3834					

**This Document was updated on: 8-23-2016**

**Important remarks:**

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Non-RoHS compliant versions available without the LF suffix – plating is SnPb
3. RoHS exemption: 6c – lead in copper alloy