

MATERIAL DECLARATION SHEET



Material Number	PV37 (10Ω to 250Ω) 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	0.0069	Copper	7440-50-8	65	1.1698	1.80
				Nickel	7440-02-0	18	0.3239	
				Zinc	7440-66-6	17	0.3059	
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	Polybutylene terephthalate	32131-17-2	60	3.9124	6.52
				Glass fiber	65997-17-3	30	1.9562	
				Tetrafluoroethylene polymer	9002-84-0	8	0.5216	
				Epoxy resin	25068-38-6	64	5.8425	
				Antimony trioxide	1309-64-4	11	1.0042	
				Aluminum oxide	1344-28-1	10	0.9129	
				Kaolin clay	1332-58-7	6	0.5477	

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				Magnesium aluminosilicate	1302-88-1	9	0.8216	
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	25	0.1304	0.52
				Palladium	7440-05-3	30	0.1565	
				Barium	7440-39-3	2	0.0104	
				Boron	7440-42-8	2	0.0104	
				Manganese	7439-96-5	4	0.0209	
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				

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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