

# MATERIAL DECLARATION SHEET



Material Number	PV36 (10Ω to 250Ω) LF			
Product Line	Trimpot® Trimmers			
Compliance Date	3-9-2011			
RoHS Compliant	RoHS 3.0	MSL	N/A	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material/ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Contact Spring	Stainless Steel	0.0069	Carbon	7440-44-0	0.180	0.001	0.83%
				Manganese	7439-96-5	2.000	0.017	
				Phosphorus	7723-14-0	0.045	0.000	
				Sulfur	7704-34-9	0.030	0.000	
				Silicon	7440-21-3	0.750	0.006	
				Chromium	7440-47-3	17.000	0.141	
				Nickel	7440-02-0	8.000	0.066	
				Iron	7439-89-6	71.995	0.595	
2	Housing	PBT	0.3	PBT	30965-26-5	49	17.608	35.94%
				Glass fiber	65997-17-3	35.00	12.577	
				brominated epoxy resin	68928-70-1	10	3.594	
				antimony trioxide	1309-64-4	6.00	2.156	
3	Rotor	Nylon	0.038	Polyamide 66	32131-17-2	60.00	2.731	4.55%
				Glass fiber	65997-17-3	30.00	1.366	
				Carbon black	1333-86-4	2.00	0.091	
				Tetrafluoroethylene	9002-84-0	8.00	0.364	

# MATERIAL DECLARATION



4	Potting	Epoxy	0.078	Epoxy resin	25068-38-6	48.00	4.485	9.34%
				Epoxy resin	25085-99-8	10.00	0.934	
				Aluminum trihydrate	21645-51-2	21.00	1.962	
				Magnesium alumino silicate	1327-43-1	9.30	0.869	
				Kaolin hydrous	1332-58-7	6.00	0.561	
				Resin	2210-79-9	4.20	0.392	
				Titanium dioxide	13463-67-7	1.00	0.093	
				Pigment	147-14-8	0.50	0.047	
5	Shaft	Brass	0.102	Copper	7440-50-8	62.00	7.575	12.22%
				Zinc	7440-66-6	35.05	4.282	
				Iron	7439-89-6	0.35	0.043	
				Lead	7439-92-1	2.60	0.318	
6	Substrate	Ceramic	0.144	Aluminum oxide	1344-28-1	96.00	16.559	17.25%
				Silicon dioxide	7631-86-9	2.00	0.345	
				Magnesium oxide	1309-48-4	1.00	0.172	
				Calcium oxide	1305-78-8	1.00	0.172	
7	Termination Ink	Ink	0.004	Silver	7440-22-4	80.30	0.385	0.48%
				palladium	7440-05-3	3.70	0.018	
				copper oxide	1317-39-1	1.20	0.006	
				glass	65997-17-3	9.36	0.045	
				barium	7440-39-3	2.72	0.013	
				boron	7440-42-8	2.72	0.013	
8	Resistive Ink	Ink	0.00500	Silver	7440-22-4	25	0.150%	0.60%
				Palladium	7440-05-3	30	0.180%	
				Barium borate glass	13701-59-2	41	0.246%	
				Manganese dioxide	1313-13-9	4	0.024%	

# MATERIAL DECLARATION



9	Terminals	Copper	0.15100	Copper	7440-50-8	99.9954	18.087	18.09%
				trace not to declare		0.0046	0.001	
		Plating	0.00340	Tin	7440-31-5	100.00	0.407	
10	Lubricant	Lubricant	0.00010	Polydimethylsiloxane	63148-62-9	58.00	0.007	0.01%
				Dimethyl siloxane	70131-67-8	9.50	0.001	
				Silica, amorphous	7631-86-9	12.50	0.001	
				Siloxane/silicones	63148-56-1	14.00	0.002	
				Tetrafluoroethane	9002-84-0	6.00	0.001	
11	UV Epoxy	UV Epoxy	0.00243	(3,4'-Epoxy)cyclohexane methyl 3,4-epoxycyclohexylcarboxylate	2386-87-0	72.8	0.212	0.29%
				2-oxepanone, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	37625-56-2	9.1	0.026	
				Hydrophobized highly dispersed Silica, synthetic, x-ray amorphous silicon dioxide	67762-90-7	4	0.012	
				3-ethyloxetane-3-methanol	3047-32-3	9.1	0.026	
				propylene carbonate	108-32-7	2	0.006	

# MATERIAL DECLARATION



				Sulfonium, (Thiodi-4,1-Phenylene) Bis[Disphenylbis](OC-6-11) Hexafluoroantimonate (1-)]	89452-37-9	1.5	0.004	
				p-Thiophenoxyphenyl diphenyl-sulfonium hexafluoroantimonate	71449-78-0	1.5	0.004	
			Total weight	0.83483				

**This Document was updated on: 5/10/2024**

**Important remarks:**

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Non RoHS complaint versions available without the LF suffix