

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	PV37 (250Ω to <10KΩ)			
Product Line	Trimpot			
Revision	8/27/2025			
RoHS Compliant	Yes	MSL	NA	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material	CASRN	Subpart Materials Mass %	Material Mass % of total unit wt	Subpart mass of total wt. (%)
				Substances	if applicable			
1	Contact Spring	Ni/Ag	0.0069	Zinc (metal)	7440-66-6	26.1	0.4708	1.80
				Copper	7440-50-8	55	0.9922	
				Silver	7440-22-4	0.05	0.0009	
				Iron	7439-89-6	0.125	0.0023	
				Manganese	7439-96-5	0.25	0.0045	
				Nickel	7440-02-0	18	0.3247	
				Cobalt	7440-48-4	0.2	0.0036	
				Lead	7439-92-1	0.025	0.0005	
				Misc, not to declare	N/A	0.25	0.0045	
2	Housing	Polybutylene terephthalate	0.1640	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	26062-94-2	53.7	23.0243	42.88
				glass fiber	65997-17-3	30	12.8627	
				brominated epoxy resin	68928-70-1	10.5	4.5020	
				antimony trioxide	1309-64-4	3	1.2863	
				Pigment Blue 15	147-14-8	0.8	0.3430	
				Further Additives, not to declare	N/A	2	0.8575	
3	Rotor	Nylon	0.0250	PA 66	32131-17-2	60	3.9216	6.54
				glass fiber	65997-17-3	30	1.9608	
				carbon black	1333-86-4	2	0.1307	
				Tetrafluoroethylene polymer	9002-84-0	8	0.5229	

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4	Potting	Epoxy	0.0350	Epoxy Resin	25068-38-6	42	3.8431	9.15
				Aluminum trihydrate	21645-51-2	22	2.0131	
				Magnesium alumino silicate	1327-43-1	11	1.0065	
				Kaolin hydrous	1332-58-7	12	1.0980	
				Resin	2210-79-9	12	1.0980	
				Pigment	147-14-8	0.5	0.0458	
				Titanium dioxide	13463-67-7	0.5	0.0458	
5	Shaft	Brass	0.0490	Copper	7440-50-8	61.5	7.8784	12.81
				Iron	7439-89-6	0.2	0.0256	
				Lead	7439-92-1	3	0.3843	
				Zinc	7440-66-6	35	4.4837	
				Misc, not to declare	N/A	0.3	0.0384	
6	Substrate	Ceramic	0.0600	Aluminum oxide	1344-28-1	96	15.0588	15.69
				Silicon dioxide	7631-86-9	2	0.3137	
				Magnesium oxide	1309-48-4	1	0.1569	
				Calcium oxide	1305-78-8	1	0.1569	
7	Termination Ink	Ink	0.0002	Silver	7440-22-4	80	0.0418	0.05
				Bismuth in Glass	7440-69-9	6	0.0031	
				Palladium	7440-05-3	5	0.0026	
				Copper	7440-50-8	2	0.0008	
				Glass w/o Declarables	65997-17-3	3	0.0016	
				Barium	7440-39-3	2	0.0010	
				Boron	7440-42-8	2.0	0.0010	
				Aluminum in Glass	7429-90-5	1	0.0003	

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8	Resistive Ink	Ink	0.0002	Silver	7440-22-4	28	0.0144	0.05
				Barium carbonate	513-77-9	7	0.0037	
				Ruthenium dioxide	12036-10-1	16	0.0084	
				Titanium dioxide	1317-70-0	0	0.0001	
				Magnesium carbonate	39409-82-0	1	0.0006	
				Copper oxide	1317-39-1	1	0.0006	
				Glass w/o Declarables	65997-17-3	47	0.0246	
9	Terminals	Copper	0.0400	Copper	7440-50-8	99.98	10.4554	10.77
		Oxygen		7782-44-7	0.02	0.0021		
		Plating	0.0012	Tin	7440-31-5	100	0.3137	
10	Lubricant	Lubricant	0.0010	Polydimethylsiloxane	63148-62-9	58	0.1516	0.26
				Dimethyl siloxane	70131-67-8	9.5	0.0248	
				Silica, amophous	7631-86-9	12.5	0.0327	
				siloxane/silicones	63148-56-1	14	0.0366	
				Polytetrafluoroethylene	9002-84-0	6	0.0157	
		Total Weight	0.3825					

Important remarks:

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