

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	3362 (50KΩ - 500KΩ)			
Product Line	Trimpot			
Revision	9/5/2025			
RoHS Compliant	Yes DC 509	MSL	NA	

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material	CASRN	Material Mass % of Subpart	Material Mass % of total unit wt	Subpart mass of total wt. (%)
				Substance				
1	Contact Spring	Nickel Silver	0.006	Zinc (metal)	7440-66-6	26.1	0.4606	1.76
				Copper	7440-50-8	55	0.9706	
				Silver	7440-22-4	0.05	0.0009	
				Iron	7439-89-6	0.125	0.0022	
				Manganese	7439-96-5	0.25	0.0044	
				Nickel	7440-02-0	18	0.3177	
				Cobalt	7440-48-4	0.2	0.0035	
				Lead	7439-92-1	0.025	0.0004	
				Misc, not to declare	N/A	0.25	0.0044	
2	Housing	PBT	0.159	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	26062-94-2	53.7	25.5393	47.56
				glass fiber	65997-17-3	30	14.2678	
				brominated epoxy resin	68928-70-1	10.5	4.9937	
				antimony trioxide	1309-64-4	3	1.4268	
				Pigment Blue 15	147-14-8	0.8	0.3805	
				Further Additives, not to declare	N/A	2	0.9512	

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3	Rotor	PBT	0.025	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	26062-94-2	54	4.0380	7.48
				GF-Fibre	65997-17-3	30	2.2434	
				Antimonytrioxide	1309-64-4	4.5	0.3365	
				ISO 1043-4 FR(17) aromatic brominated compounds (excluding brominated diphenyl ether and biphenyls) in combination with antimony compounds, not declarable	N/A	9.5	0.7104	
				Additives, not to declare	N/A	2	0.1496	
4	Potting	Epoxy	0.035	Bisphenol A Diglycidyl Ether Resin	25068-38-6	68.2731	7.1475	10.47
				Titanium dioxide	13463-67-7	6.0241	0.6307	
				Pigment	147-14-8	4.51807	0.4730	
				Magnesium alumino silicate	1327-43-1	13.6546	1.4295	
				Kaolin clay	1332-58-7	7.53012	0.7883	
5	UV Epoxy	Epoxy	0.001	Cycloaliphatic Epoxide	trade secret	40	0.1196	0.30
				Polyether polyol Resins	39072-02-1	15	0.0449	
				Silicon Dioxide	67762-90-7	25	0.0748	
				Hydrated Alumina	21645-51-2	20	0.0598	
6	O-ring	Rubber	0.002	Silicon Rubber	63394-02-5	100	0.5982	0.60
7	Substrate	Alumina	0.057	Alumina	1344-28-1	96	16.3676	17.05
				Silicon Oxide	7631-86-9	2	0.3410	
				Magnesium Oxide	1309-48-4	1	0.1705	
				Calcium Oxide	1305-78-8	1	0.1705	

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8	Termination Ink	Ink	0.002	Silver	7440-22-4	80	0.4786	0.60
				Bismuth in Glass	7440-69-9	6	0.0359	
				Palladium	7440-05-3	5	0.0299	
				Copper	7440-50-8	2	0.0090	
				Glass w/o Declarables	65997-17-3	3	0.0179	
				Barium	7440-39-3	2	0.0120	
				Boron	7440-42-8	2.0	0.0120	
				Aluminum in Glass	7429-90-5	1	0.0030	
9	Resistive Ink	Ink	0.003	Silver	7440-22-4	15	0.1346	0.90
				Ruthenium dioxide	12036-10-1	22	0.1974	
				Barium Borate glass	13701-59-2	7	0.0628	
				Calcium borate glass	13701-64-9	52	0.4666	
				Aluminum	7429-90-5	4	0.0359	
10	Terminals	Copper	0.040	Copper	7440-50-8	100	11.9646	11.96
11	Lubricant	Lubricant	0.001	Polydimethylsiloxane	63148-62-9	58	0.1735	0.30
				Dimethyl Siloxane	70131-67-8	9.5	0.0284	
				Silica, Amorphous	7631-86-9	12.5	0.0374	
				Siloxane/Silicones	63148-56-1	14	0.0419	
				Tetrafluoroethene	9002-84-0	6	0.0179	
12	Coating	Solder	0.002	Tin	7440-31-5	100	0.5982	0.60
13	Seal Ball	Stainless Steel	0.001	Carbon	7440-44-0	0.3	0.0013	0.42
				Chromium	7440-47-3	13	0.0552	
				Iron	7439-89-6	85.66	0.3638	
				Manganese	7439-96-5	0.5	0.0021	
				Phosphorus	7723-14-0	0.02	0.0001	
				Sulphur	7704-34-9	0.02	0.0001	
				Silicon	7440-21-3	0.5	0.0021	
Total Weight		0.334						

Important remarks:

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