

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	3296 >400 ohms to 50K ohms			
Product Line	Trimpot®			
Revision	8/19/2025			
RoHS Compliant	RoHS 3.0	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	Stainless Steel	0.007	Carbon	7440-44-0	0.18	0.0015	0.83
				Manganese	7439-96-5	2	0.0166	
				Phosphorus	7723-14-0	0.045	0.0004	
				Sulfur	7704-34-9	0.03	0.0002	
				Silicon	7440-21-3	0.75	0.0062	
				Chromium	7440-47-3	17	0.1408	
				Nickel	7440-02-0	8	0.0662	
				Iron	7439-89-6	71.995	0.5961	
2	Housing	Polybutylene terephthalate	0.300	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	26062-94-2	53.7	19.3328	36.00
				glass fiber	65997-17-3	30	10.8004	
				brominated epoxy resin	68928-70-1	10.5	3.7802	
				antimony trioxide	1309-64-4	3	1.0800	
				Pigment Blue 15	147-14-8	0.8	0.2880	
				Further Additives, not to declare	N/A	2	0.7200	
3	Rotor	Nylon	0.038	PA 66	32131-17-2	60	2.7361	4.56
				Glass fiber	65997-17-3	30	1.3681	
				Carbon black	1333-86-4	2	0.0912	
				Tetrafluoroethylene polymer	9002-84-0	8	0.3648	

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4	Potting	Epoxy	0.078	Bisphenol A Diglycidyl Ether Resin	25068-38-6	68.27	6.3906	9.36
				Titanium dioxide	13463-67-7	6.02	0.5639	
				Pigment	147-14-8	4.52	0.4229	
				Magnesium alumino silicate	1327-43-1	13.65	1.2781	
				Kaolin clay	1332-58-7	7.53	0.7048	
5	Shaft	Brass	0.102	Copper	7440-50-8	61.5	7.5279	12.24
				Iron	7439-89-6	0.2	0.0245	
				Lead	7439-92-1	3	0.3672	
				Zinc	7440-66-6	35	4.2842	
				Misc, not to declare	N/A	0.3	0.0367	
6	Substrate	Ceramic	0.144	Aluminum oxide	1344-28-1	96	16.5895	17.28
				Silicon dioxide	7631-86-9	2	0.3456	
				Magnesium oxide	1309-48-4	1	0.1728	
				Calcium oxide	1305-78-8	1	0.1728	
7	Termination Ink	Ink	0.004	Silver	7440-22-4	80	0.3840	0.48
				Bismuth in Glass	7440-69-9	6	0.0288	
				Palladium	7440-05-3	5	0.0240	
				Copper	7440-50-8	2	0.0072	
				Glass w/o Declarables	65997-17-3	3	0.0144	
				Barium	7440-39-3	2	0.0096	
				Boron	7440-42-8	2.0	0.0096	
				Aluminum in Glass	7429-90-5	1	0.0024	
8	Resistive Ink	Ink	0.005	Silver	7440-22-4	27.5	0.1650	0.60
				Barium carbonate	513-77-9	7.0	0.0420	
				Ruthenium dioxide	12036-10-1	16.0	0.0960	
				Titanium dioxide	1317-70-0	0.2	0.0012	
				Magnesium carbonate	39409-82-0	1.1	0.0066	
				Copper oxide	1317-39-1	1.1	0.0066	
				Glass w/o Declarables	65997-17-3	47.1	0.2826	

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9	Terminals	Copper	0.151	Copper	7440-50-8	99.98	18.1171	18.53
				Oxygen	7782-44-7	0.02	0.0036	
		Plating	0.003	Tin	7440-31-5	100	0.4080	
10	Lubricant	Lubricant	0.001	Polydimethylsiloxane	63148-62-9	58	0.0696	0.12
				Dimethyl siloxane	70131-67-8	9.5	0.0114	
				Silica, amorphous	7631-86-9	12.5	0.0150	
				Siloxane/silicones	63148-56-1	14	0.0168	
				Tetrafluoroethane	9002-84-0	6	0.0072	
		Total Weight	0.833					

Important remarks:

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