MATERIAL DECLARATION SHEET

BOURNS®

Material Number	**3292 10 ohms to 400 ohms**		
Product Line	**Trimpot®**		
Revision	**8/19/2025**		
RoHS Compliant	**Yes DC 509**	MSL	**NA**

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 302	0.007	Carbon	7440-44-0	0.18	0.0016	0.89
				Manganese	7439-96-5	2	0.0177	
				Phosphorus	7723-14-0	0.045	0.0004	
				Sulfur	7704-34-9	0.03	0.0003	
				Silicon	7440-21-3	0.75	0.0066	
				Chromium	7440-47-3	17	0.1506	
				Nickel	7440-02-0	8	0.0709	
				Iron	7439-89-6	71.995	0.6377	
2	Rotor	Nylon	0.038	PA 66	32131-17-2	60	2.8850	4.81
				Glass fiber	65997-17-3	30	1.4425	
				Carbon black	7440-44-0	2	0.0962	
				Tetrafluoroethylene polymer	9002-84-0	8	0.3847	
3	Housing	Polybutylene terephthalate	0.295	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	26062-94-2	53.7	20.0381	37.31
				glass fiber	65997-17-3	30	11.1945	
				brominated epoxy resin	68928-70-1	10.5	3.9181	
				antimony trioxide	1309-64-4	3	1.1194	
				Pigment Blue 15	147-14-8	0.8	0.2985	
				Further Additives, not to declare	N/A	2	0.7463	

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4	Potting	Epoxy	0.078	Epoxy Resin	25068-38-6	42	4.1453	9.87
				Aluminum trihydrate	21645-51-2	22	2.1713	
				Magnesium alumino silicate	1327-43-1	11	1.0857	
				Kaolin hydrous	1332-58-7	12	1.1844	
				Resin	2210-79-9	12	1.1844	
				Pigment	147-14-8	0.5	0.0493	
				Titanium dioxide	13463-67-7	0.5	0.0493	
5	Shaft	Brass	0.102	Copper	7440-50-8	61.5	7.9375	12.91
				Iron	7439-89-6	0.2	0.0258	
				Lead	7439-92-1	3	0.3872	
				Zinc	7440-66-6	35	4.5173	
				Misc, not to declare	N/A	0.3	0.0387	
6	Substrate	Ceramic	0.144	Aluminum oxide	1344-28-1	96	17.4921	18.22
				Silicon dioxide	7631-86-9	2	0.3644	
				Magnesium oxide	1309-48-4	1	0.1822	
				Calcium oxide	1305-78-8	1	0.1822	
7	Termination Ink	Ink	0.004	Silver	7440-22-4	80	0.4049	0.51
				Bismuth in Glass	7440-69-9	6	0.0304	
				Palladium	7440-05-3	5.0	0.0253	
				Copper	7440-50-8	1.5	0.0076	
				Glass w/o Declarables	65997-17-3	3.0	0.0152	
				Barium	7440-39-3	2.0	0.0101	
				Boron	7440-42-8	2.0	0.0101	
				Aluminum in Glass	7429-90-5	1	0.0025	
8	Resistive Ink	Ink	0.005	Silver	7440-22-4	25	0.1582	0.63
				Palladium	7440-05-3	30	0.1898	
				Barium borate glass	13701-59-2	41	0.2594	
				Manganese dioxide	1313-13-9	4	0.0253	

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9	Terminals	Copper	0.113	Copper	7440-50-8	99.98	14.29551	14.73
				Oxygen	7782-44-7	0.02	0.00286	
		Plating	0.003	Tin	7440-31-5	100	0.430216	
10	Lubricant	Lubricant	0.001	Polydimethylsiloxane	63148-62-9	58	0.07339	0.13
				Dimethyl siloxane	70131-67-8	9.5	0.012021	
				Silica, amophous	7631-86-9	12.5	0.015817	
				Siloxane/silicones	63148-56-1	14	0.017715	
				Tetrafluoroethane	9002-84-0	6	0.007592	
		Total Weight	0.7903					

Important remarks:

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

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