MATERIAL DECLARATION SHEET

BOURNS®

Material Number	**3299 (10Ω to 400Ω) LF**		
Product Line	**Trimpot**		
Revision	**8/25/2025**		
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	0.007	Carbon	7440-44-0	0.18	0.0015	0.84
				Manganese	7439-96-5	2	0.0167	
				Phosphorus	7723-14-0	0.045	0.0004	
				Sulfur	7704-34-9	0.03	0.0003	
				Silicon	7440-21-3	0.75	0.0063	
				Chromium	7440-47-3	17	0.1420	
				Nickel	7440-02-0	8	0.0668	
				Iron	7439-89-6	71.995	0.6012	
2	Housing	Polybutylene terephthalate	0.305	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	26062-94-2	53.7	19.5313	36.37
				glass fiber	65997-17-3	30	10.9114	
				brominated epoxy resin	68928-70-1	10.5	3.8190	
				antimony trioxide	1309-64-4	3	1.0911	
				Pigment Blue 15	147-14-8	0.8	0.2910	
				Further Additives, not to declare	N/A	2	0.7274	
3	Rotor	Nylon	0.038	PA 66	32131-17-2	60	2.7198	4.53
				glass fiber	65997-17-3	30	1.3599	
				carbon black	1333-86-4	2	0.0907	
				Tetrafluoroethylene polymer	9002-84-0	8	0.3626	

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4	Potting	Epoxy	0.078	Epoxy Resin	25068-38-6	48	4.4662	9.30
				Epoxy Resin	25085-99-8	10	0.9305	
				Aluminum trihydrate	21645-51-2	21	1.9540	
				Magnesium alumino silicate	1327-43-1	9.3	0.8653	
				Kaolin hydrous	1332-58-7	6	0.5583	
				Resin	2210-79-9	4.2	0.3908	
				Titanium dioxide	13463-67-7	1	0.0930	
				Pigment	147-14-8	0.5	0.0465	
5	Shaft	Brass	0.102	Copper	7440-50-8	61.5	7.4830	12.17
				Iron	7439-89-6	0.2	0.0243	
				Lead	7439-92-1	3	0.3650	
				Zinc	7440-66-6	35	4.2586	
				Misc, not to declare	N/A	0.3	0.0365	
6	Substrate	Ceramic	0.144	Aluminum oxide	1344-28-1	96	16.4905	17.18
				Silicon dioxide	7631-86-9	2	0.3436	
				Magnesium oxide	1309-48-4	1	0.1718	
				Calcium oxide	1305-78-8	1	0.1718	
7	Termination Ink	Ink	0.004	Silver	7440-22-4	80.0	0.3817	0.48
				Bismuth in Glass	7440-69-9	6.0	0.0286	
				Palladium	7440-05-3	5.0	0.0239	
				Copper	7440-50-8	1.5	0.0072	
				Glass w/o Declarables	65997-17-3	3.0	0.0143	
				Barium	7440-39-3	2.0	0.0095	
				Boron	7440-42-8	2.0	0.0095	
				Aluminum in Glass	7429-90-5	0.5	0.0024	
8	Resistive Ink	Ink	0.005	Silver	7440-22-4	25	0.1491	0.60
				Palladium	7440-05-3	30	0.1789	
				Barium borate glass	13701-59-2	41	0.2445	
				Manganese dioxide	1313-13-9	4	0.0239	

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9	Terminals	Copper	0.151	Copper	7440-50-8	99.98	18.009	18.42
				Oxygen	7782-44-7	0.02	0.0036	
		Plating	0.003	Tin	7440-31-5	100	0.40558	
10	Lubricant	Lubricant	0.001	Polydimethylsiloxane	63148-62-9	58	0.06919	0.12
				Dimethyl siloxane	70131-67-8	9.5	0.01133	
				Silica, amophous	7631-86-9	12.5	0.01491	
				Siloxane/silicones	63148-56-1	14	0.0167	
				Tetrafluoroethane	9002-84-0	6	0.00716	
		Total Weight	0.838					

Important remarks:

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

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