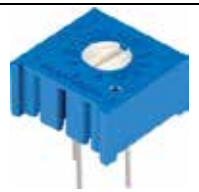
MATERIAL DECLARATION SHEET

BOURNS®

Material Number	**3386 (400Ω - 50KΩ) LF series**			
Product Line	**Trimpot**			
Revision	**8/27/2025**			
RoHS Compliant	**RoHS 3.0**	MSL	**NA**	

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material Substance	CASRN	Material Mass %	Material Mass % of total unit wt	Subpart mass of total wt. (%)
1	Contact Spring	Nickel Silver	0.0059	Zinc (metal)	7440-66-6	26.1	0.1968	0.75
				Copper	7440-50-8	55	0.4148	
				Silver	7440-22-4	0.05	0.0004	
				Iron	7439-89-6	0.125	0.0009	
				Manganese	7439-96-5	0.25	0.0019	
				Nickel	7440-02-0	18	0.1358	
				Cobalt	7440-48-4	0.2	0.0015	
				Lead	7439-92-1	0.025	0.0002	
				Misc, not to declare	N/A	0.25	0.0019	
2	Housing	PBT	0.333	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	26062-94-2	53.7	22.8578	42.57
				glass fiber	65997-17-3	30	12.7697	
				brominated epoxy resin	68928-70-1	10.5	4.4694	
				antimony trioxide	1309-64-4	3	1.2770	
				Pigment Blue 15	147-14-8	0.8	0.3405	
				Further Additives, not to declare	N/A	2	0.8513	

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3	Rotor	PBT	0.073	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	26062-94-2	56	5.2255	9.33
				GF-Fibre	65997-17-3	30	2.7994	
				Halogenated compound ISO 1043-4, not declarable	N/A	9	0.8398	
				Antimonytrioxide	1309-64-4	3	0.2799	
				Further Additives, not to declare	N/A	2	0.1866	
4	Potting	Epoxy	0.092	Epoxy Resin	25068-38-6	42	4.9392	11.76
				Aluminum trihydrate	21645-51-2	22	2.5872	
				Magnesium alumino silicate	1327-43-1	11	1.2936	
				Kaolin hydrous	1332-58-7	12	1.4112	
				Resin	2210-79-9	12	1.4112	
				Pigment	147-14-8	0.5	0.0588	
				Titanium dioxide	13463-67-7	0.5	0.0588	
5	UV Epoxy	Epoxy	0.0001	Epoxy Resin	25085-99-8	32	0.0041	0.01
				Silicon dioxide	67762-90-7	4	0.0005	
				Cycloaliphatic epoxide	trade secret	32	0.0041	
				Polyetherpolyol resins	39072-02-1	32	0.0041	
6	O-ring	Rubber	0.005	Silicon Rubber	63394-02-5	100	0.6391	0.64
7	Substrate	Alumina	0.144	Aluminum oxide	1344-28-1	96	17.6705	18.41
				Silicon dioxide	7631-86-9	2	0.3681	
				Magnesium oxide	1309-48-4	1	0.1841	
				Calcium oxide	1305-78-8	1	0.1841	

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8	Termination Ink	Ink	0.002	Silver	7440-22-4	80	0.2045	0.26
				Bismuth in Glass	7440-69-9	6	0.0153	
				Palladium	7440-05-3	5	0.0128	
				Copper	7440-50-8	2	0.0038	
				Glass w/o Declarables	65997-17-3	3	0.0077	
				Barium	7440-39-3	2	0.0051	
				Boron	7440-42-8	2.0	0.0051	
				Aluminum in Glass	7429-90-5	1	0.0013	
9	Resistive Ink	Ink	0.0076	Silver	7440-22-4	28	0.2672	0.97
				Barium carbonate	513-77-9	7	0.0680	
				Ruthenium dioxide	12036-10-1	16	0.1554	
				Titanium dioxide	1317-70-0	0	0.0019	
				Magnesium carbonate	39409-82-0	1	0.0107	
				Copper oxide	1317-39-1	1	0.0107	
				Glass w/o Declarables	65997-17-3	47	0.4576	
10	Terminals	Copper	0.116	Copper	7440-50-8	100	14.8277	14.83
11	Coating	Solder	0.0022	Tin	7440-31-5	100	0.2812	0.28
12	Lubricant	Lubricant	0.0001	Polydimethylsiloxane	63148-62-9	58	0.0074	0.01
				Dimethyl siloxane	70131-67-8	9.5	0.0012	
				Silica, amophous	7631-86-9	12.5	0.0016	
				siloxane/silicones	63148-56-1	14	0.0018	
				Polytetrafluoroethylene	9002-84-0	6	0.0008	
13	Seal Ball	Stainless Steel	0.0014	Carbon	7440-44-0	0.03	0.0001	0.18
				Chromium	7440-47-3	13	0.0236	
				Iron	7439-89-6	85.66	0.1555	
				Manganese	7439-96-5	0.5	0.0009	
				Phosphorus	7723-14-0	0.02	0.00004	
				Sulphur	7704-34-9	0.02	0.00004	
				Silicon	7440-21-3	0.5	0.0009	
		Total Weight	0.7823					

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Important remarks:

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

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