MATERIAL DECLARATION SHEET

BOURNS®

Material Number	6637S-1-XXX		
Product Line	Precision Potentiometer		
Compliance Date	January 02, 2006		
RoHS Compliant	Yes	MSL	N/A

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	Hex Nut	Brass C260	1.25	Copper	7440-50-8	70	8.535	12.19
				Zinc	7440-66-6	30	3.658	
		Plating	0.09	Nickel	7440-02-0	100	0.878	0.878
2	Lock Washer	C1050 Carbon Steel	0.17	Carbon	7440-44-0	0.5	0.0083	1.658
				Iron	7439-89-6	98.7	1.64	
				Manganese	7439-96-5	0.75	0.0124	
				Phosphorus	7723-14-0	0.02	0.0003	
				Sulphur	7704-34-9	0.03	0.0005	
		Plating	0.001	Nickel	10101-97-0	100	0.0098	0.010
3	Terminal	Brass C360	0.143	Copper	7440-50-8	61.5	0.858	1.395
				Zinc	7440-66-6	35.4	0.494	
				Lead	7439-92-2	3.1	0.043	
		Nickel Plating	0.00006	Nickel	7440-02-0	100	0.0006	0.0006
		Gold Plating	0.00006	Gold	7440-57-5	100	0.0006	0.0006
4	Terminal (X2)	Brass C360	0.210	Copper	7440-50-8	61.5	1.260	2.048
				Zinc	7440-66-6	35.4	0.725	
				Lead	7439-92-2	3.1	0.064	
		Nickel Plating	0.00006	Nickel	7440-02-0	100	0.0006	0.0006
		Gold Plating	0.00006	Gold	7440-57-5	100	0.0006	0.0006
5	Ink	Ink	0.030	Phenolic Resin	9039-25-2	13	0.038	0.293

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				Silver	7440-22-4	86	0.252	
				Graphite	7782-42-5	1	0.0029	
6	Ink	Ink	0.050	2,2,4-Trimethyl-1,3-Pentane-Diol	6846-50-0	34.4	0.168	0.488
				Formaldehyde, Polymer with 3-Chloro-1-Propene and Phenol	28470-78-2	27	0.13	
				Carbon Black	1333-86-4	36	0.18	
				Silica, Amorphous Fumed	112945-52-5	0.5	0.002	
				Dimethylsilicone	63148-62-9	2.1	0.010	
7	Ink	Ink	0.050	Barium Sulfate	7727-43-7	28	0.137	0.488
				Formaldehyde, Polymer with 3-Chloro-1-Propene and Phenol	28470-78-2	43.8	0.214	
				Carbon Black	1333-86-4	16.8	0.082	
				Titanium Dioxide	1317-70-0	6.83	0.033	
				Silica, Amorphous Fumed	112945-52-5	0.6	0.003	
				1-Propene, 1,1,2,3,3,3-Hexafluoro-, Polymer with Tetrafluoroethene	25067-11-2	0.95	0.005	
				Acrylic Polymer	63148-62-9	3.02	0.015	
8	Ink	Ink	0.01	DAIP Resin	1087-21-4	71	0.069	0.098
				Barium Sulfate	7727-43-7	28	0.0273	
				Pigment	84632-65-5	1	0.0010	
9	Epoxy	Epoxy	0.015	Biphenyl A Polyglycidyl Ether	25068-38-6	27	0.040	0.146
				Butyl Glydicyl Ether	2426-08-6	9	0.013	
				Silver	7440-22-4	64	0.094	
10	Cover	Resin	1.325	Diallyl Phthalate Polymer	25053-15-0	37	4.782	12.925
				Polyester Resin	68604-67-1	1	0.129	
				Calcium Silicate	13983-17-0	7.7	0.995	
				Amorphous Silica	61790-53-2	1.5	0.194	
				Glass Fiber	65997-17-3	41	5.299	
				Alumina Trihydrate	21645-51-2	2.6	0.336	

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				Calcium Stearate	1592-23-0	1	0.129	
				Antimony Trioxide	1309-64-4	3.1	0.401	
				Bis (Tetrabromophthalimido) Ethane	32588-76-4	5.1	0.659	
11	Bushing	Aluminum 2011	2.386	Aluminum (Metal)	7429-90-5	92.93	21.629	23.274
				Bismuth	7440-69-9	0.4	0.093	
				Copper	7440-50-8	5.5	1.280	
				Iron	7439-89-6	0.345	0.080	
				Lead	7439-92-1	0.4	0.093	
				Silicon	7440-21-3	0.2	0.047	
				Zinc	7440-66-6	0.15	0.035	
				Misc, Not to Declare	N/A	0.075	0.017	
12	Housing	Resin	2.010	PBT	26062-94-2	53.7	10.529	19.606
				Glass Fiber	65997-17-3	30	5.882	
				Brominated Epoxy Resin	68928-70-1	10.5	2.059	
				Antimony Trioxide	1309-64-4	3	0.588	
				Pigment Blue 15	147-14-8	0.8	0.157	
				Further Additives, Not to Declare	N/A	2	0.392	
13	Retaining Ring (2)	Stainless Steel 420	0.036	Carbon	7440-44-0	0.3	0.0011	0.351
				Chromium	7440-47-3	13	0.046	
				Iron	7439-89-6	85.66	0.301	
				Manganese	7439-96-5	0.5	0.002	
				Phosphorus	7723-14-0	0.02	0.00007	
				Sulphur	7704-34-9	0.02	0.00007	
				Silicon	7440-21-3	0.5	0.002	
14	Shaft	Stainless S 303	1.64	Carbon	7440-44-0	0.15	0.024	16.017
				Manganese	7439-96-5	2	0.32	
				Phosphorus	7723-14-0	0.2	0.032	
				Sulfur	7704-34-9	0.15	0.024	
				Silicon	7440-21-3	0.9	0.144	
				Chromium	7440-47-3	18	2.883	
				Nickel	7440-02-0	9	1.442	

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				Iron	7439-89-6	69	11.05	
				Molybdenum	7439-98-7	0.6	0.096	
15	Rotor	Resin	0.79	Nylon 6.6 (Polyhexamethylene adipamide)	32131-17-2	66	5.099	7.73
				Glass Fiber	65997-17-3	32	2.472	
				Molybdenum Disulfide	1317-33-5	2	0.155	
16	Contact Spring	Paliney #6	0.013	Palladium	7440-05-3	39.8	0.050	0.1268
				Silver	7440-22-4	33.9	0.043	
				Copper	7440-50-8	24.2	0.031	
				Platinum	7440-06-4	0.5	0.00063	
				Nickel	7440-02-0	1.59	0.00202	
				Zinc	7440-66-6	0.01	0.000013	
		Pfinodal 7 C72900	0.01	Copper	7440-50-8	72.88	0.071	0.098
				Lead	7439-92-1	0.03	0.00002	
				Iron	7439-89-6	0.30	0.0003	
				Nickel	7440-02-0	21	0.020	
				Cobalt	7440-48-4	0.25	0.0002	
				Tin	7440-31-5	5.10	0.005	
				Manganese	7439-96-5	0.30	0.0003	
				Misc	N/A	0.15	0.00015	
17	Lube	Lube	0.001	Decanoic acid, mixed esters with heptanoic acid, octanoic acid, trimethylolpropane	68130-53-0	54.4	0.0053	0.0098
				Lithium 12-hydroxystearate	7620-77-1	5.7	0.0006	
				Isohexadecyl-Isooctadecanoate	52006-45-8	33.7	0.0033	
				Polyisobutylene	9003-27-4	6.2	0.0006	
18	Lube	Lube	0.001	Siloxanes and Silicones, Me 3,3,3-Trifluoropropyl	63148-56-1	62	0.0060	0.0098
				Ethene, Tetrafluoro-, Homopolymer	9002-84-0	38	0.0037	
19	Label	Therml Film	0.016	Polyethylene Terephthalate	25038-59-9	71.6	0.1117	0.156
				Aluminium (Metal)	7429-90-5	0.07	0.0001	

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				White Phosphorus	12185-10-3	0.03	0.00005	
				Polyethylene Terephthalate	25038-59-9	0.5	0.0008	
				Saturated Polyester Resin	61926-16-7	0.5	0.0008	
				2-Propenoic Acid, Polymer with Ethenyl Acetate,2-Ethylhexyl 2-Propenoate and 2-Hydroxyethyl 2-Propenoate	50862-46-9	27	0.0421	
				Misc, Not to Declare	N/A	0.3	0.0005	
20	Ink	Ink	0.0005	Polyester Resin	149027-65-6	30	0.0015	0.005
				Hydrocarbon Waxes (Petroleum), Oxidized	64743-00-6	3	0.0001	
				Carbon Black	1333-86-4	23.5	0.0011	
				Carnauba-Wax	8015-86-9	20.5	0.0010	
				Vinyl Chloride-Vinyl Acetate Copolymers	9003-22-9	12	0.0006	
				Acrylic Resin	N/A	9	0.0004	
				Styrene-Butadiene Rubber	9003-55-8	2	0.0001	
		Total weight	10.252					

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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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