

MATERIAL DECLARATION SHEET



Material Number	6657S-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	1.250	Copper	7440-50-8	70	3.677	5.254
				Zinc	7440-66-6	30	1.576	
		Plating-Nickel	0.09	Nickel	7440-02-0	100	0.378	0.378
2	Lock Washer	C1050 Carbon Steel	0.169	Carbon	7440-44-0	0.5	0.004	0.710
				Iron	7439-89-6	98.7	0.701	
				Manganese	7439-96-5	0.75	0.005	
				Phosphorus	7723-14-0	0.02	0.0001	
		Sulphur	7704-34-9	0.03	0.0002			
	Plating-Nickel	0.001	Nickel	10101-97-0	100	0.004	0.004	
3	Bushing	Aluminum 2011-T3	1.353	Aluminum (Metal)	7429-90-5	92.93	5.284	5.686
				Bismuth	7440-69-9	0.4	0.023	
				Copper	7440-50-8	5.5	0.313	
				Iron	7439-89-6	0.345	0.020	
				Lead	7439-92-1	0.4	0.023	
				Silicon	7440-21-3	0.2	0.011	
				Zinc	7440-66-6	0.15	0.009	
				Misc, Not to Declare	N/A	0.075	0.004	
4	Housing Molded	Resin	5.242	PBT	26062-94-2	53.7	11.831	22.031
				Glass Fiber	65997-17-3	30	6.609	
				Brominated Epoxy Resin	68928-70-1	10.5	2.313	

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				Antimony Trioxide	1309-64-4	3	0.661	
				Pigment Blue 15	147-14-8	0.8	0.176	
				Further Additives, Not to Declare	N/A	2	0.441	
5	C-Ring (X2)	Stainless Steel 420	0.159	Carbon	7440-44-0	0.3	0.002	0.668
				Chromium	7440-47-3	13	0.087	
				Iron	7439-89-6	85.66	0.572	
				Manganese	7439-96-5	0.5	0.003	
				Phosphorus	7723-14-0	0.02	0.0001	
				Sulphur	7704-34-9	0.02	0.0001	
				Silicon	7440-21-3	0.5	0.003	
6	Shaft	Stainless Steel 303	7.674	Carbon	7440-44-0	0.15	0.048	32.253
				Manganese	7439-96-5	2	0.645	
				Phosphorus	7723-14-0	0.2	0.065	
				Sulfur	7704-34-9	0.15	0.048	
				Silicon	7440-21-3	0.9	0.290	
				Chromium	7440-47-3	18	5.805	
				Nickel	7440-02-0	9	2.903	
				Iron	7439-89-6	69	22.254	
				Molybdenum	7439-98-7	0.6	0.194	
7	Rotor Molded	Resin	3.503	PBT	26062-94-2	53.7	7.906	14.723
				Glass Fiber	65997-17-3	30	4.417	
				Brominated Epoxy Resin	68928-70-1	10.5	1.546	
				Antimony Trioxide	1309-64-4	3	0.442	
				Pigment Blue 15	147-14-8	0.8	0.118	
				Further Additives, Not to Declare	N/A	2	0.294	
8	Contact Spring	Paliney #6	0.045	Palladium	7440-05-3	44	0.083	0.189
				Silver	7440-22-4	38	0.072	
				Copper	7440-50-8	16	0.030	
				Platinum	7440-06-4	1	0.002	
				Nickel	7440-02-0	1	0.002	
9	Washer (X4)	Stainless Steel 301	0.050	Carbon	7440-44-0	0.15	0.00032	0.2101
				Manganese	7439-96-5	2	0.00420	

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				Phosphorus	7723-14-0	0.045	0.00009	
				Sulfur	7704-34-9	0.03	0.00006	
				Silicon	7440-21-3	1	0.00210	
				Chromium	7440-47-3	17	0.03572	
				Nickel	7440-02-0	7	0.01471	
				Iron	7439-89-6	72.775	0.15293	
10	Cover	Resin	3.7	Diallyl Phthalate Polymer	25053-15-0	37	5.80	15.664
				Polyester Resin	68604-67-1	1	0.157	
				Calcium Silicate	13983-17-0	7.7	1.206	
				Amorphous Silica	61790-53-2	1.5	0.235	
				Glass Fiber	65997-17-3	41	6.42	
				Alumina Trihydrate	21645-51-2	2.6	0.407	
				Calcium Stearate	1592-23-0	1	0.157	
				Antimony Trioxide	1309-64-4	3.1	0.486	
				Bis (Tetrabromophthalimido) Ethane	32588-76-4	5.1	0.799	
11	Ink	Ink	0.03	Phenolic Resin	9039-25-2	13	0.016	0.126
				Silver	7440-22-4	86	0.108	
				Graphite	7782-42-5	1	0.0013	
12	Ink	Ink	0.051	2,2,4-Trimethyl-1,3-Pentane-Diol	6846-50-0	34.4	0.074	0.214
				Formaldehyde, Polymer with 3-Chloro-1-Propene and Phenol	28470-78-2	27	0.058	
				Carbon Black	1333-86-4	36	0.077	
				Silica, Amorphous Fumed	112945-52-5	0.5	0.001	
				Dimethylsilicone	63148-62-9	2.1	0.005	
13	Ink	Ink	0.050	Barium Sulfate	7727-43-7	28	0.059	0.210
				Formaldehyde, Polymer with 3-Chloro-1-Propene and Phenol	28470-78-2	43.8	0.092	
				Carbon Black	1333-86-4	16.8	0.035	

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				Titanium Dioxide	1317-70-0	6.83	0.014	
				Silica, Amorphous Fumed	112945-52-5	0.6	0.001	
				1-Propene, 1,1,2,3,3,3-Hexafluoro-, Polymer with Tetrafluoroethene	25067-11-2	0.95	0.002	
				Acrylic Polymer	63148-62-9	3.02	0.006	
14	Epoxy	Epoxy	0.015	Biphenyl A Polyglycidyl Ether	25068-38-6	27	0.017	0.063
				Butyl Glydicyl Ether	2426-08-6	9	0.0057	
				Silver	7440-22-4	64	0.0403	
15	Terminal (X3)	Brass C360 1614000206	0.346	Copper	7440-50-8	61.5	0.894	1.454
				Iron	7439-89-6	0.2	0.003	
				Lead	7439-92-1	3	0.044	
				Zinc	7440-66-6	35	0.509	
				Misc, Not to Declare	N/A	0.3	0.004	
		Nickel Plating	0.001	Nickel	7440-02-0	100	0.004	0.004
Gold Plating	0.001	Gold	7440-57-5	100	0.004	0.004		
16	Label	Therml Film	0.016	Polyethylene Terephthalate	25038-59-9	71.6	0.048	0.067
				Aluminium (Metal)	7429-90-5	0.07	0.00005	
				White Phosphorus	12185-10-3	0.03	0.00002	
				Polyethylene Terephthalate	25038-59-9	0.5	0.0003	
				Saturated Polyester Resin	61926-16-7	0.5	0.0003	
				2-Propenoic Acid, Polymer with Ethenyl Acetate,2-Ethylhexyl 2-Propenoate and 2-Hydroxyethyl 2-Propenoate	50862-46-9	27	0.018	
				Misc, Not to Declare	N/A	0.3	0.0002	
17	Ink	Ink	0.0005	Polyester Resin	149027-65-6	30	0.001	0.002
				Hydrocarbon Waxes (Petroleum), Oxidized	64743-00-6	3	0.0001	
				Carbon Black	1333-86-4	23.5	0.0005	

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				Carnauba-Wax	8015-86-9	20.5	0.0004	
				Vinyl Chloride-Vinyl Acetate Copolymers	9003-22-9	12	0.0003	
				Acrylic Resin	N/A	9	0.0002	
				Styrene-Butadiene Rubber	9003-55-8	2	0.00004	
18	Lube	Lube	0.010	Decanoic Acid, Mixed Esters with Heptanoic Acid, Octanoic Acid, Trimethylolpropane	68130-53-0	54.4	0.023	0.042
				Lithium 12-Hydroxystearate	7620-77-1	5.7	0.0024	
				Isohexadecyl-Isooctadecanoate	52006-45-8	33.7	0.014	
				Polyisobutylene	9003-27-4	6.2	0.0026	
19	Lube	Lube	0.010	Siloxanes and Silicones, Me 3,3,3-Trifluoropropyl	63148-56-1	62	0.026	0.042
				Ethene, Tetrafluoro-, Homopolymer	9002-84-0	38	0.016	
		Total weight	23.794					

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Important remarks:

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