

MATERIAL DECLARATION SHEET



Material Number	6537S-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	Material s Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Servo Lid	2011-T3 Aluminum	7.6	Aluminum (Metal)	7429-90-5	92.93	60.728	65.35
				Bismuth	7440-69-9	0.4	0.261	
				Copper	7440-50-8	5.5	3.594	
				Iron	7439-89-6	0.345	0.225	
				Lead	7439-92-1	0.4	0.261	
				Silicon	7440-21-3	0.2	0.131	
				Zinc	7440-66-6	0.15	0.098	
				Misc, Not to Declare	N/A	0.075	0.049	
2	C-Ring (X2)	Stainless Steel 420	0.015	Carbon	7440-44-0	0.3	0.0004	0.130
				Chromium	7440-47-3	13	0.017	
				Iron	7439-89-6	85.66	0.111	
				Manganese	7439-96-5	0.5	0.001	
				Phosphorus	7723-14-0	0.02	0.00003	
				Sulphur	7704-34-9	0.02	0.00003	
				Silicon	7440-21-3	0.5	0.001	
3	Ink	Ink	0.012	Phenolic Resin	9039-25-2	13	0.014	0.104
				Silver	7440-22-4	86	0.089	
				Graphite	7782-42-5	1	0.0010	
4	Ink	Ink	0.03	2,2,4-Trimethyl-1,3-Pentane-Diol	6846-50-0	34.4	0.092	0.268

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				Formaldehyde, Polymer with 3-Chloro-1-Propene and Phenol	28470-78-2	27	0.072	
				Carbon Black	1333-86-4	36	0.097	
				Silica, Amorphous Fumed	112945-52-5	0.5	0.0013	
				Dimethylsilicone	63148-62-9	2.1	0.0056	
				Barium Sulfate	7727-43-7	28	0.109	
5	Ink	Ink	0.05	Formaldehyde, Polymer with 3-Chloro-1-Propene and Phenol	28470-78-2	43.8	0.171	0.389
				Carbon Black	1333-86-4	16.8	0.065	
				Titanium Dioxide	1317-70-0	6.83	0.027	
				Silica, Amorphous Fumed	112945-52-5	0.6	0.0023	
				1-Propene, 1,1,2,3,3,3-Hexafluoro-, Polymer with Tetrafluoroethene	25067-11-2	0.95	0.004	
				Acrylic Polymer	63148-62-9	3.02	0.0118	
6	Ink	Ink	0.01	DAIP Resin	1087-21-4	71	0.061	0.087
				Barium Sulfate	7727-43-7	28	0.024	
				Pigment	84632-65-5	1	0.0009	
7	Conductive Epoxy	Epoxy	0.015	Biphenyl A Polyglycidyl Ether	25068-38-6	27	0.035	0.130
				Butyl Glydicyl Ether	2426-08-6	9	0.012	
				Silver	7440-22-4	64	0.083	
8	Cover	Resin	1.069	Diallyl Phthalate Polymer	25053-15-0	37	3.423	9.253
				Polyester Resin	68604-67-1	1	0.093	
				Calcium Silicate	13983-17-0	7.7	0.712	
				Amorphous Silica	61790-53-2	1.5	0.139	
				Glass Fiber	65997-17-3	41	3.794	
				Alumina Trihydrate	21645-51-2	2.6	0.241	
				Calcium Stearate	1592-23-0	1	0.093	
				Antimony Trioxide	1309-64-4	3.1	0.287	

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				Bis (Tetrabromophthalimido) Ethane	32588-76-4	5.1	0.472	
9	Terminal (X3)	Brass C360	0.60	Copper	7440-50-8	61.5	3.194	5.193
				Iron	7439-89-6	0.2	0.010	
				Lead	7439-92-1	3	0.156	
				Zinc	7440-66-6	35	1.818	
				Misc, not to declare	N/A	0.3	0.016	
		Nickel Plating	0.001	Nickel	7440-02-0	100	0.009	0.009
		Gold Plating	0.001	Gold	7440-57-5	100	0.009	0.009
10	Shaft	Stainless Steel 303	1.24	Carbon	7440-44-0	0.15	0.016	10.733
				Manganese	7439-96-5	2	0.215	
				Silicon	7440-21-3	1	0.107	
				Chromium	7440-47-3	18	1.932	
				Nickel	7440-02-0	9	0.966	
				Iron	7439-89-6	69.7	7.481	
				Sulfur	7704-34-9	0.15	0.016	
11	Rotor	Resin	0.78	Nylon 6.6 (Polyhexamethylene adipamide)	32131-17-2	66	4.456	6.751
				Glass Fiber	65997-17-3	32	2.160	
				Molybdenum Disulfide	1317-33-5	2	0.135	
12	Contact Spring	Paliney #6	0.013	Palladium	7440-05-3	39.8	0.0448	0.1125
				Silver	7440-22-4	33.9	0.0381	
				Copper	7440-50-8	24.2	0.0272	
				Platinum	7440-06-4	0.5	0.00056	
				Nickel	7440-02-0	1.59	0.00179	
				Zinc	7440-66-6	0.01	0.000011	
		Pfinodal 7	0.010	Copper	7440-50-8	72.88	0.0631	0.087
				Lead	7439-92-1	0.03	0.00002	
				Iron	7439-89-6	0.30	0.0003	
				Nickel	7440-02-0	21.00	0.0182	
				Cobalt	7440-48-4	0.25	0.0002	
				Tin	7440-31-5	5.10	0.0044	

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				Manganese	7439-96-5	0.30	0.0003	
				Misc	N/A	0.15	0.0001	
13	Washer (X4)	Stainless Steel 301	0.078	Carbon	7440-44-0	0.15	0.00101	0.6751
				Manganese	7439-96-5	2	0.01350	
				Phosphorus	7723-14-0	0.045	0.00030	
				Sulfur	7704-34-9	0.03	0.00020	
				Silicon	7440-21-3	1	0.00675	
				Chromium	7440-47-3	17	0.1148	
				Nickel	7440-02-0	7	0.0473	
				Iron	7439-89-6	72.775	0.4913	
14	Lube	Lube	0.001	Decanoic Acid, Mixed Esters with Heptanoic Acid, Octanoic Acid, Trimethylolpropane	68130-53-0	54.4	0.005	0.009
				Lithium 12-Hydroxystearate	7620-77-1	5.7	0.0005	
				Isohexadecyl-Isooctadecanoate	52006-45-8	33.7	0.0029	
				Polyisobutylene	9003-27-4	6.2	0.0005	
15	Lube	Lube	0.001	Siloxanes and Silicones, Me 3,3,3-Trifluoropropyl	63148-56-1	62	0.005	0.009
				Ethene, Tetrafluoro-, Homopolymer	9002-84-0	38	0.003	
16	Epoxy	Epoxy	0.065	Epoxy Resin	25085-99-8	46.95	0.264	0.563
				Quartz, (SiO2)	14808-60-7	35.3	0.199	
				Kaolin Clay	1332-58-7	14	0.079	
				Bisphenol A Diglycidyl Ether Resin	25068-38-6	1.4	0.0079	
				Titanium Dioxide	13463-67-7	1.2	0.0068	
				Pigment Blue	147-14-8	0.729	0.0041	
				Aluminum Oxide	1344-28-1	0.031	0.0002	
				Acrylic Polymer	Trade Secret	0.39	0.00219	
27	Label	Thermifilm	0.016	Polyethylene Terephthalate	25038-59-9	71.6	0.10	0.138
				Aluminium (Metal)	7429-90-5	0.07	0.00010	
				White Phosphorus	12185-10-3	0.03	0.00004	

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				Polyethylene Terephthalate	25038-59-9	0.5	0.0007	
				Saturated Polyester Resin	61926-16-7	0.5	0.0007	
				2-Propenoic Acid, Polymer with Ethenyl Acetate, 2-Ethylhexyl 2-Propenoate and 2-Hydroxyethyl 2-Propenoate	50862-46-9	27	0.037	
				Misc, Not to Declare	N/A	0.3	0.0004	
28	Ink	Ink	0.0005	Polyester Resin	149027-65-6	30	0.0013	0.004
				Hydrocarbon Waxes (Petroleum), Oxidized	64743-00-6	3	0.0001	
				Carbon Black	1333-86-4	23.5	0.0010	
				Carnauba-Wax	8015-86-9	20.5	0.0009	
				Vinyl Chloride-Vinyl Acetate Copolymers	9003-22-9	12	0.0005	
				Acrylic Resin	N/A	9	0.0004	
				Styrene-Butadiene Rubber	9003-55-8	2	0.0001	
		Total Weight	11.55					

This Document was updated on: **10/28/2025**

Important remarks:

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