

MATERIAL DECLARATION SHEET



Material Number	6539S-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	Servo Lid	Aluminum 2011-T3	7.5	Aluminum (Metal)	7429-90-5	92.93	54.882	59.06
				Bismuth	7440-69-9	0.4	0.236	
				Copper	7440-50-8	5.5	3.248	
				Iron	7439-89-6	0.345	0.204	
				Lead	7439-92-1	0.4	0.236	
				Silicon	7440-21-3	0.2	0.118	
				Zinc	7440-66-6	0.15	0.089	
				Misc, Not to Declare	N/A	0.075	0.044	
2	Bearing Sleeve (X2)	Phosphor Bronze CDA Alloy 544	1.05	Copper	7440-50-8	88.7	7.324	8.26
				Iron	7439-89-6	0.05	0.004	
				Phosphorus	7723-14-0	0.25	0.021	
				Lead	7439-92-1	3.75	0.310	
				Tin	7440-31-5	4	0.330	
				Zinc (Metal)	7440-66-6	3	0.248	
				Misc., Not to Declare	N/A	0.25	0.021	
3	C-Ring (X2)	Stainless Steel 420	0.038	Carbon	7440-44-0	0.3	0.001	0.299
				Chromium	7440-47-3	13	0.039	
				Iron	7439-89-6	85.66	0.256	
				Manganese	7439-96-5	0.5	0.001	
				Phosphorus	7723-14-0	0.02	0.00006	
				Sulphur	7704-34-9	0.02	0.00006	

MATERIAL DECLARATION SHEET



				Silicon	7440-21-3	0.5	0.001	
4	Ink	Ink	0.012	Phenolic Resin	9039-25-2	13	0.012	0.094
				Silver	7440-22-4	86	0.081	
				Graphite	7782-42-5	1	0.0009	
5	Ink	Ink	0.07	2,2,4-Trimethyl-1,3-Pentane-Diol	6846-50-0	34.4	0.189	0.550
				Formaldehyde, Polymer with 3-Chloro-1-Propene and Phenol	28470-78-2	27	0.149	
				Carbon Black	1333-86-4	36	0.198	
				Silica, Amorphous Fumed	112945-52-5	0.5	0.0028	
				Dimethylsilicone	63148-62-9	2.1	0.0116	
6	Ink	Ink	0.02	Barium Sulfate	7727-43-7	28	0.044	0.157
				Formaldehyde, Polymer with 3-Chloro-1-Propene and Phenol	28470-78-2	43.8	0.069	
				Carbon Black	1333-86-4	16.8	0.026	
				Titanium Dioxide	1317-70-0	6.83	0.011	
				Silica, Amorphous Fumed	112945-52-5	0.6	0.0009	
				1-Propene, 1,1,2,3,3,3-Hexafluoro-, Polymer with Tetrafluoroethene	25067-11-2	0.95	0.001	
				Acrylic Polymer	63148-62-9	3.02	0.0047	
7	Ink	Ink	0.01	DAIP Resin	1087-21-4	71	0.056	0.079
				Barium Sulfate	7727-43-7	28	0.022	
				Pigment	84632-65-5	1	0.0008	
8	Conductive Epoxy	Epoxy	0.015	Biphenyl A Polyglycidyl Ether	25068-38-6	27	0.032	0.118
				Butyl Glydicyl Ether	2426-08-6	9	0.011	
				Silver	7440-22-4	64	0.075	
9	Cover	Resin	1.193	Diallyl Phthalate Polymer	25053-15-0	37	3.471	9.382
				Polyester Resin	68604-67-1	1	0.094	
				Calcium Silicate	13983-17-0	7.7	0.722	
				Amorphous Silica	61790-53-2	1.5	0.141	
				Glass Fiber	65997-17-3	41	3.846	

MATERIAL DECLARATION SHEET



				Alumina Trihydrate	21645-51-2	2.6	0.244	
				Calcium Stearate	1592-23-0	1	0.094	
				Antimony Trioxide	1309-64-4	3.1	0.291	
				Bis(Tetrabromophthalimido) Ethane	32588-76-4	5.1	0.478	
10	Terminal (X3)	Brass C360	0.590	Copper	7440-50-8	61.5	2.853	4.640
				Iron	7439-89-6	0.2	0.009	
				Lead	7439-92-1	3	0.139	
				Zinc	7440-66-6	35	1.624	
				Misc, Not to Declare	N/A	0.3	0.014	
		Nickel plating	0.001	Nickel	7440-02-0	100	0.008	0.008
		Gold Plating	0.001	Gold	7440-57-5	100	0.008	0.008
11	Shaft	Stainless Steel 303	1.24	Carbon	7440-44-0	0.15	0.015	9.751
				Manganese	7439-96-5	2	0.195	
				Phosphorus	7723-14-0	0.2	0.020	
				Sulfur	7704-34-9	0.15	0.015	
				Silicon	7440-21-3	0.9	0.088	
				Chromium	7440-47-3	18	1.755	
				Nickel	7440-02-0	9	0.878	
				Iron	7439-89-6	69	6.728	
				Molybdenum	7439-98-7	0.6	0.059	
12	Rotor	Resin	0.78	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66	4.059	6.149
				Glass Fiber	65997-17-3	32	1.968	
				Molybdenum Disulfide	1317-33-5	2	0.123	
13	Contact Spring	Paliney #6	0.013	Palladium	7440-05-3	39.8	0.0407	0.1022
				Silver	7440-22-4	33.9	0.0347	
				Copper	7440-50-8	24.2	0.0247	
				Platinum	7440-06-4	0.5	0.00051	
				Nickel	7440-02-0	1.59	0.00163	
				Zinc	7440-66-6	0.01	0.000010	
		Pfinodal 7	0.010	Copper	7440-50-8	72.88	0.0573	0.079

MATERIAL DECLARATION SHEET



				Lead	7439-92-1	0.03	0.00002	
				Iron	7439-89-6	0.30	0.0002	
				Nickel	7440-02-0	21	0.0165	
				Cobalt	7440-48-4	0.25	0.0002	
				Tin	7440-31-5	5.10	0.0040	
				Manganese	7439-96-5	0.30	0.0002	
				Misc	N/A	0.15	0.0001	
14	Washer (X4)	Stainless Steel 301	0.078	Carbon	7440-44-0	0.15	0.00092	0.6134
				Manganese	7439-96-5	2	0.01227	
				Phosphorus	7723-14-0	0.045	0.00028	
				Sulfur	7704-34-9	0.03	0.00018	
				Silicon	7440-21-3	1	0.00613	
				Chromium	7440-47-3	17	0.1043	
				Nickel	7440-02-0	7	0.0429	
				Iron	7439-89-6	72.775	0.4464	
15	Lube	Lube	0.001	Decanoic Acid, Mixed Esters with Heptanoic Acid, Octanoic Acid, Trimethylolpropane	68130-53-0	54.4	0.004	0.008
				Lithium 12-hydroxystearate	7620-77-1	5.7	0.0004	
				Isohexadecyl-Isooctadecanoate	52006-45-8	33.7	0.0027	
				Polyisobutylene	9003-27-4	6.2	0.0005	
16	Lube	Lube	0.001	Siloxanes and Silicones, Me 3,3,3-Trifluoropropyl	63148-56-1	62	0.005	0.008
				Ethene, Tetrafluoro-, Homopolymer	9002-84-0	38	0.003	
17	Epoxy	Epoxy	0.065	Epoxy Resin	25085-99-8	46.95	0.240	0.511
				Quartz, (SiO2)	14808-60-7	35.3	0.180	
				Kaolin Clay	1332-58-7	14	0.072	
				Bisphenol A Diglycidyl Ether Resin	25068-38-6	1.4	0.0072	
				Titanium Dioxide	13463-67-7	1.2	0.0061	
				Pigment Blue	147-14-8	0.729	0.0037	

MATERIAL DECLARATION SHEET



				Aluminum Oxide	1344-28-1	0.031	0.0002	
				Acrylic Polymer	Trade Secret	0.39	0.00199	
27	Label	ThermIfilm	0.016	Polyethylene Terephthalate	25038-59-9	71.6	0.09	0.126
				Aluminium (Metal)	7429-90-5	0.07	0.00009	
				White Phosphorus	12185-10-3	0.03	0.00004	
				Polyethylene Terephthalate	25038-59-9	0.5	0.0006	
				Saturated Polyester Resin	61926-16-7	0.5	0.0006	
				2-Propenoic Acid, Polymer with Ethenyl Acetate,2-Ethylhexyl 2-Propenoate and 2-Hydroxyethyl 2-Propenoate	50862-46-9	27	0.03	
				Misc, Not to Declare	N/A	0.3	0.0004	
28	Ink	Ink	0.0005	Polyester Resin	149027-65-6	30	0.0012	0.004
				Hydrocarbon Waxes (Petroleum), Oxidized	64743-00-6	3	0.0001	
				Carbon Black	1333-86-4	23.5	0.0009	
				Carnauba-Wax	8015-86-9	20.5	0.0008	
				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	12.72					

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Important remarks:

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