

MATERIAL DECLARATION SHEET



Material Number	3549S-2XB-XXXX			
Product Line	Sensors & Controls			
Compliance Date	January 31, 2007			
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	2.4217	3.4595
				Zinc	7440-66-6	30	1.0379	
2	Lock Washer	C1050 Carbon Steel	0.17	Carbon	7440-44-0	0.5	0.0023	0.4677
				Iron	7439-89-6	98.7	0.4616	
				Manganese	7439-96-5	0.75	0.0035	
				Phosphorus	7723-14-0	0.02	0.0001	
				Sulphur	7704-34-9	0.03	0.0001	
		Plating	0.0010	Nickel	10101-97-0	100	0.0028	0.0028
3	Lid Molded	Bushing Brass 360	3.53	Copper	7440-50-8	61.5	6.0084	9.7697
				Iron	7439-89-6	0.2	0.0195	
				Lead	7439-92-1	3.0	0.2931	
				Zinc	7440-66-6	35	3.4194	
				Misc, not to Declare	N/A	0.3	0.0293	
		Shinkong	0.836	PBT	26062-94-2	54.25	1.2552	2.3137
				GF-Fibre ISO 1043-2	65997-17-3	30	0.6941	
				Halogenated Compound ISO 1043-4, not Declarable	N/A	9	0.2082	

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				Antimonytrioxide	1309-64-4	3.5	0.0810	
				Carbon Black	1333-86-4	1.25	0.0289	
				Additives, not to Declare	N/A	2	0.0463	
4	Housing X2	ShinKong	6.064	PBT	26062-94-2	54.25	9.1047	16.78
				GF-Fibre ISO 1043-2	65997-17-3	30	5.0349	
				Halogenated Compound ISO 1043-4, not Declarable	N/A	9	1.5105	
				Antimonytrioxide	1309-64-4	3.5	0.5874	
				Carbon Black	1333-86-4	1.25	0.2098	
				Additives, not to Declare	N/A	2	0.3357	
5	Element Assy X2	Mandrel Wire Annealed Copper Wire	4.06	Copper	7440-50-8	100	11.24	11.24
		Coating	0.000166	Polyamide	63428-83-1	100	0.0005	0.0005
		Resist Wire Nickel-Chromium Alloy	1.046	Nickel	7440-02-0	74	2.14	2.89
				Copper	7440-50-8	1	0.0289	
				Chromium	7440-47-3	21	0.6079	
				Aluminum	7429-90-5	1	0.0289	
				Silicon	7440-21-3	1	0.0289	
				Cobalt	7440-48-4	1	0.0289	
				Manganese	7439-96-5	1	0.0289	
6	Varnish X2	Hi-Thermo	0.188	Alkyd Resin	63148-69-6	99.5	0.5177	0.52
				Misc, Not to Declare	N/A	0.5	0.0026	
		Pigment	0.012	Basic Violet 11.1	73398-89-7	99.5	0.5177	0.03
				Misc. Not to Declare	N/A	0.5	0.0026	
7	Terminal Cover X 2	Nylatron	0.218	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66	0.40	0.60
				Glass Fiber	65997-17-3	32	0.19	
				Molybdenum Disulfide	1317-33-5	2	0.01	

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8	T.R. Terminal X2	Nickel/Silver C752	0.181	Copper	7440-50-8	65.00	0.326	0.50
				Nickel	7440-02-0	18.00	0.090	
				Zinc	7440-66-6	17.00	0.085	
		Silver Alloy A56T	0.0002	Silver	7440-22-4	56.00	0.0003	0.0006
				Copper	7440-50-8	22.00	0.0001	
				Zinc	7440-66-6	17.00	0.00009	
				Tin	7440-31-5	5.00	0.00003	
		Plating	0.0006	Gold	7440-57-5	100.00	0.0017	0.0017
9	Shaft	Brass 360	11.885	Copper	7440-50-8	61.5	20.229	32.89
				Iron	7439-89-6	0.2	0.066	
				Lead	7439-92-1	3.0	0.987	
				Zinc	7440-66-6	35	11.513	
				Misc, not to Declare	N/A	0.3	0.099	
		Plating	0.001	Nickel	7440-02-0	100	0.003	0.0028
10	Rotor Molded X2	Nylatron	2.72	Nylon 6.6 Polyhexamethylene Adipamide)	32131-17-2	66	4.97	7.53
				Glass Fiber	65997-17-3	32	2.41	
				Molybdenum Disulfide	1317-33-5	2	0.151	
11	Slider Molded X2	Nylatron	0.41	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66	0.75	1.13
				Glass Fiber	65997-17-3	32	0.36	
				Molybdenum Disulfide	1317-33-5	2	0.02	
12	Contact Spring X2	Paliney #6	0.006	Palladium	7440-05-3	44	0.01	0.02
				Silver	7440-22-4	38	0.01	
				Copper	7440-50-8	16	0.003	
				Platinum	7440-06-4	1	0.0002	
				Nickel	7440-02-0	1	0.000	
		Pfinodal 7 C72900	0.002	Copper	7440-50-8	72.875	0.004034	0.01
				Lead	7439-92-1	0.025	0.000001	
				Iron	7439-89-6	0.3	0.000017	

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				Nickel	7440-02-0	21	0.001162	
				Cobalt	7440-48-4	0.25	0.000014	
				Tin	7440-31-5	5.1	0.000282	
				Manganese	7439-96-5	0.3	0.000017	
				Misc	Not to declare	0.15	0.000008	
13	Collector Bar X2	Nickel/Silver C770	0.148	Copper	7440-50-8	59	0.242	0.41
				Nickel	7440-02-0	12	0.05	
				Zinc	7440-66-6	29	0.1188	
		Plating	0.0018	Gold	7440-57-5	100	0.005	0.005
14	Terminal Wiper X	Brass C260	0.7620	Copper	7440-50-8	70	1.476	2.11
				Zinc	7440-66-6	30	0.63	
		Under Plating	0.0240	Nickel	7440-02-0	100	0.07	0.07
		Finish Plating	0.0052	Gold	7440-57-5	100	0.01	0.01
15	Cover P/N: X 2	Nylatron	0.812	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66.00	1.483	2.25
				Glass Fiber	65997-17-3	32.00	0.719	
				Molybdenum Disulfide	1317-33-5	2.00	0.045	
16	Adapter	Nylatron	1.544	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66.00	2.820	4.27
				Glass Fiber	65997-17-3	32.00	1.367	
				Molybdenum Disulfide	1317-33-5	2.00	0.085	
17	C-Ring	Stainless Steel 420	0.014	Carbon	7440-44-0	0.31	0.00012	0.04
				Silicon	7440-21-3	0.44	0.0002	
				Manganese	7439-96-5	0.45	0.0002	
				Phosphorus	7723-14-0	0.02	0.00001	
				Sulfur	7704-34-9	0.01	0.00000	
				Nickel	7440-02-0	0.23	0.00009	
				Chromium	7440-47-3	13.15	0.005	
				Iron	7439-89-6	85.40	0.033	
18	Washer	Stainless Steel	0.001	Carbon	7440-44-0	0.15	0.00000	0.00

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		301		Manganese	7439-96-5	2	0.0001	
				Phosphorus	7723-14-0	0.045	0.000001	
				Sulfur	7704-34-9	0.03	0.000001	
				Silicon	7440-21-3	1	0.0000	
				Chromium	7440-47-3	17	0.000	
				Nickel	7440-02-0	7	0.000	
				Iron	7439-89-6	72.775	0.002	
19	Washer	Stainless Steel 301	0.001	Carbon	7440-44-0	0.15	0.00000	0.00
				Manganese	7439-96-5	2	0.0001	
				Phosphorus	7723-14-0	0.045	0.000001	
				Sulfur	7704-34-9	0.03	0.000001	
				Silicon	7440-21-3	1	0.0000	
				Chromium	7440-47-3	17	0.000	
				Nickel	7440-02-0	7	0.0002	
				Iron	7439-89-6	72.775	0.002	
20	Lube	Lube	0.009	1-Decene, Tetramer, Mixed with 1-Decene Trimer, Hydrogenated	68649-12-7	58.8	0.0146	0.02
				1-Propene, Polymer with Ethene	9010-79-1	30.8	0.0077	
				Silica, Amorphous Fumed	112945-52-5	5.4	0.0013	
				Polytetrafluoroethylene	9002-84-0	5	0.0012	
21	Lube X2	Lube	0.18	Decanoic Acid, Mixed Esters with Heptanoic Acid, Octanoic Acid, Trimethylolpropane	68130-53-0	54.4	0.27	0.50
				Lithium 12-Hydroxystearate	7620-77-1	5.7	0.028	
				Isohexadecyl-Isooctadecanoate	52006-45-8	33.7	0.17	
				Polyisobutylene	9003-27-4	6.2	0.031	
22	Epoxy X2	Epoxy	0.01	Bisphenol A Diglycidyl Ether Resin	25068-38-6	44	0.01218	0.02768
				Alumina Trihydrate	21645-51-2	11	0.00304	
				Antimony Trioxide	1309-64-4	11	0.00304	

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				Diglycidyl Ether of Polypropylene Glycol	9072-62-2	10.2	0.00282	
				Titanium Dioxide	13463-67-7	0.9	0.00025	
				Kaolin Clay	1332-58-7	6	0.00166	
				Epoxy Resin	67924-34-9	6.1	0.00169	
				Magnesium Aluminum Silicate	1302-88-1	9.5	0.002629	
				Phthalocyanine Blue	147-14-8	1.3	0.000360	
23	Epoxy	Epoxy	0.04	Epoxy Resin	25085-99-8	48.0	0.05314	
				Quartz, (SiO2)	14808-60-7	34.8	0.03853	
				kaolin clay	1332-58-7	14.5	0.01605	
				Bisphenol A Diglycidyl Ether Resin	25068-38-6	1.8	0.00199	0.11071
				Titanium dioxide	13463-67-7	0.22	0.00024	
				Carbon black	1333-86-4	0.28	0.00031	
				Acrylic polymer	Trade Secret	0.4	0.00044	
		Total weight	36.1320					

This Document was updated on: **07/28/2025**

Important remarks:

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