

MATERIAL DECLARATION SHEET



Material Number	3549H-1XC-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	4.0091	5.7273
				Zinc	7440-66-6	30	1.7182	
		Plating	0.0900	Nickel	7440-02-0	100	0.4124	0.4124
2	Lock Washer	C1050 Carbon Steel	0.17	Carbon	7440-44-0	0.5	0.0039	0.7743
				Iron	7439-89-6	98.7	0.7643	
				Manganese	7439-96-5	0.75	0.0058	
				Phosphorus	7723-14-0	0.02	0.0002	
				Sulphur	7704-34-9	0.03	0.0002	
		Plating	0.0010	Nickel	10101-97-0	100	0.0046	0.0046
3	Lid Molded	Bushing Phosphor Bronze C54400	3.25	Copper	7440-50-8	88.7	13.2082	14.8909
				Iron	7439-89-6	0.05	0.0074	
				Phosphorus	7723-14-0	0.25	0.0372	
				Lead	7439-92-1	3.8	0.5584	
				Tin	7440-31-5	4.0	0.5956	
				Zinc	7440-66-6	3	0.4467	
				Misc, not to Declare	N/A	0.25	0.0372	
		Shinkong Compound	0.836	PBT	26062-94-2	54.25	2.0780	3.8304

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				GF-Fibre ISO 1043-2	65997-17-3	30	1.1491	
				Halogenated Compound ISO 1043-4, not Declarable	N/A	9	0.3447	
				Antimonytrioxide	1309-64-4	3.5	0.1341	
				Carbon Black	1333-86-4	1.25	0.0479	
				Additives, not to Declare	N/A	2	0.0766	
4	Housing	ShinKong	3.032	PBT	26062-94-2	54.25	7.5364	13.89
				GF-Fibre ISO 1043-2	65997-17-3	30	4.1676	
				Halogenated Compound ISO 1043-4, not Declarable	N/A	9	1.2503	
				Antimonytrioxide	1309-64-4	3.5	0.4862	
				Carbon Black	1333-86-4	1.25	0.1737	
				Additives, not to Declare	N/A	2	0.2778	
5	Element Assy	Ink	0.35	Formaldehyde, Polymer with 3 - Chloro-1-Propene & Phenol	28470-78-2	31	0.4971	1.60
				Diallyl Iso - Phthalate	1087-21-4	31	0.4971	
				Carbon Black	1333-86-4	18	0.2887	
				Benzenetrimethanol, Ar- (2-Propen-1-Ylox)-	64051-40-7	6	0.0962	
				Benzenedimethanol, Ar- (2-Propen-1-Ylox)-	28655-63-2	4	0.0641	
				Graphite	7782-42-5	5	0.0802	
				Alkyl Glycidyl Ether	68609-97-2	4	0.0641	
				Acrylic Polymer	63148-62-9	1	0.0160	
6	Mandrel Wire	Annealed Copper Wire	2.03	Copper	7440-50-8	100	9.30	9.30
		Coating	0.000083	Polyamide	63428-83-1	100	0.0004	0.0004
7	Resist Wire	Nickel-Chromium	0.523	Nickel	7440-02-0	74	1.77	2.40

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		Alloy		Copper	7440-50-8	1	0.0240	
				Chromium	7440-47-3	21	0.5032	
				Aluminum	7429-90-5	1	0.0240	
				Silicon	7440-21-3	1	0.0240	
				Cobalt	7440-48-4	1	0.0240	
				Manganese	7439-96-5	1	0.0240	
8	Varnish	Hi-Thermo	0.094	Alkyd Resin	63148-69-6	99.5	0.43	0.43
				Misc, Not to Declare	N/A	0.5	0.0022	
		Pigment	0.006	Basic Violet 11.1	73398-89-7	99.5	0.0274	0.03
				Misc. Not to Declare	N/A	0.5	0.0001	
9	Terminal Cover	Nylatron	0.109	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66	0.33	0.50
				Glass Fiber	65997-17-3	32	0.16	
				Molybdenum Disulfide	1317-33-5	2	0.01	
10	T.R. Terminal x2	Nickel/Silver C752	0.0905	Copper	7440-50-8	65.00	0.270	0.41
				Nickel	7440-02-0	18.00	0.075	
				Zinc	7440-66-6	17.00	0.070	
		Silver Alloy A56T	0.0001	Silver	7440-22-4	56.00	0.0003	0.0005
				Copper	7440-50-8	22.00	0.0001	
				Zinc	7440-66-6	17.00	0.00008	
				Tin	7440-31-5	5.00	0.00002	
		Plating	0.0003	Gold	7440-57-5	100.00	0.0014	0.0014
11	Shaft	Stainless S 303	7.22	Carbon	7440-44-0	0.15	0.04962	33.08
				Manganese	7439-96-5	2	0.66161	
				Phosphorus	7723-14-0	0.2	0.06616	
				Sulfur	7704-34-9	0.15	0.04962	
				Silicon	7440-21-3	0.9	0.29773	
				Chromium	7440-47-3	18	5.95451	

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				Nickel	7440-02-0	9	2.97725	
				Iron	7439-89-6	69	22.82561	
				Molybdenum	7439-98-7	0.6	0.19848	
12	Rotor Molded	Nylatron	1.154	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66	3.49	5.29
				Glass Fiber	65997-17-3	32	1.69	
				Molybdenum Disulfide	1317-33-5	2	0.106	
13	Slider Molded	Nylatron	0.205	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66	0.62	0.94
				Glass Fiber	65997-17-3	32	0.30	
				Molybdenum Disulfide	1317-33-5	2	0.02	
14	Contact Spring	Paliney #6	0.003	Palladium	7440-05-3	44	0.01	0.01
				Silver	7440-22-4	38	0.01	
				Copper	7440-50-8	16	0.002	
				Platinum	7440-06-4	1	0.0001	
				Nickel	7440-02-0	1	0.0001	
		Pfinodal 7 C72900	0.01	Copper	7440-50-8	72.875	0.03	0.05
				Lead	7439-92-1	0.025	0.00001	
				Iron	7439-89-6	0.3	0.0001	
				Nickel	7440-02-0	21	0.01	
				Cobalt	7440-48-4	0.25	0.0001	
				Tin	7440-31-5	5.1	0.002	
				Manganese	7439-96-5	0.3	0.0001	
				Misc	Not to declare	0.15	0.0001	
15	Collector Bar	Nickel/Silver C770	0.074	Copper	7440-50-8	59	0.200	0.34
				Nickel	7440-02-0	12	0.04	
				Zinc	7440-66-6	29	0.0983	

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		Plating	0.0009	Gold	7440-57-5	100	0.004	0.004
16	Terminal Wiper	Brass C260	0.3810	Copper	7440-50-8	70	1.222	1.75
				Zinc	7440-66-6	30	0.52	
		Under Plating	0.0120	Nickel	7440-02-0	100	0.05	0.05
		Finish Plating	0.0026	Gold	7440-57-5	100	0.01	0.01
17	Cover	Nylatron	0.812	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66.00	2.455	3.72
				Glass Fiber	65997-17-3	32.00	1.191	
				Molybdenum Disulfide	1317-33-5	2.00	0.074	
18	C-Ring	Stainless Steel 420	0.014	Carbon	7440-44-0	0.31	0.00020	0.06
				Silicon	7440-21-3	0.44	0.0003	
				Manganese	7439-96-5	0.45	0.0003	
				Phosphorus	7723-14-0	0.02	0.00001	
				Sulfur	7704-34-9	0.01	0.00000	
				Nickel	7440-02-0	0.23	0.00015	
				Chromium	7440-47-3	13.15	0.008	
				Iron	7439-89-6	85.40	0.055	
19	Washer S. S	Stainless Steel 301	0.001	Carbon	7440-44-0	0.15	0.00001	0.005
				Manganese	7439-96-5	2	0.0001	
				Phosphorus	7723-14-0	0.045	0.000002	
				Sulfur	7704-34-9	0.03	0.000001	
				Silicon	7440-21-3	1	0.00005	
				Chromium	7440-47-3	17	0.001	
				Nickel	7440-02-0	7	0.0003	
				Iron	7439-89-6	72.775	0.003	
20	Washer S.S.	Stainless Steel 301	0.001	Carbon	7440-44-0	0.15	0.00001	0.005
				Manganese	7439-96-5	2	0.0001	
				Phosphorus	7723-14-0	0.045	0.000002	
				Sulfur	7704-34-9	0.03	0.000001	

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				Silicon	7440-21-3	1	0.00005	
				Chromium	7440-47-3	17	0.001	
				Nickel	7440-02-0	7	0.0003	
				Iron	7439-89-6	72.775	0.003	
21	Lube	Lube	0.009	1-Decene, Tetramer, Mixed with 1-Decene Trimer, Hydorgenated	68649-12-7	58.8	0.0242	0.04
				1-Propene, Polymer with Ethene	9010-79-1	30.8	0.0127	
				Silica, Amorphous Fumed	112945-52-5	5.4	0.0022	
				Polytetrafluoroethylene	9002-84-0	5	0.0021	
22	Lube	Lube	0.09	Decanoic Acid, Mixed Esters with Heptanoic Acid, Octanoic Acid, Trimethylolpropane	68130-53-0	54.4	0.22	0.41
				Lithium 12-Hydroxystearate	7620-77-1	5.7	0.024	
				Isohexadecyl-Isooctadecanoate	52006-45-8	33.7	0.14	
				Polyisobutylene	9003-27-4	6.2	0.026	
23	Epoxy	Epoxy	0.005	Bisphenol A Diglycidyl Ether Resin	25068-38-6	44	0.01008	0.02291
				Alumina Trihydrate	21645-51-2	11	0.00252	
				Antimony Trioxide	1309-64-4	11	0.00252	
				Diglycidyl Ether of Polypropylene Glycol	9072-62-2	10.2	0.00234	
				Titanium Dioxide	13463-67-7	0.9	0.00021	
				Kaolin Clay	1332-58-7	6	0.00137	
				Epoxy Resin	67924-34-9	6.1	0.00140	

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				Magnesium Aluminum Silicate	1302-88-1	9.5	0.002176	
				Phthalocyanine Blue	147-14-8	1.3	0.000298	
		Total weight	21.8255					

This Document was updated on: 07/24/2025

Important remarks:

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