

MATERIAL DECLARATION SHEET



Material Number	3549H-1XD-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	4.0954	5.8506
				Zinc	7440-66-6	30	1.7552	
2	Lock Washer	C1050 Carbon Steel	0.17	Carbon	7440-44-0	0.5	0.0040	0.8
				Iron	7439-89-6	98.7	0.7807	
				Manganese	7439-96-5	0.75	0.0059	
				Phosphorus	7723-14-0	0.02	0.00016	
				Sulphur	7704-34-9	0.03	0.0002	
		Plating	0.0010	Nickel	10101-97-0	100	0.0047	0.0047
3	Lid Molded	Bushing Phosphor Bronze C54400	3.25	Copper	7440-50-8	88.7	13.4926	15.2115
				Iron	7439-89-6	0.05	0.0076	
				Phosphorus	7723-14-0	0.25	0.0380	
				Lead	7439-92-1	3.8	0.5704	
				Tin	7440-31-5	4.0	0.6085	
				Zinc	7440-66-6	3	0.4563	
				Misc, not to Declare	N/A	0.25	0.0380	
		Shinkong	0.836	PBT	26062-94-2	54.25	2.1227	3.91
				GF-Fibre ISO 1043-2	65997-17-3	30	1.1739	

MATERIAL DECLARATION SHEET



				Halogenated Compound ISO 1043-4, not Declarable	N/A	9	0.3522	
				Antimonytrioxide	1309-64-4	3.5	0.1369	
				Carbon Black	1333-86-4	1.25	0.0489	
				Additives, not to Declare	N/A	2	0.0783	
4	Housing	ShinKong	3.032	PBT	26062-94-2	54.25	7.6987	14.19
				GF-Fibre ISO 1043-2	65997-17-3	30	4.2573	
				Halogenated Compound ISO 1043-4, not Declarable	N/A	9	1.2772	
				Antimonytrioxide	1309-64-4	3.5	0.4967	
				Carbon Black	1333-86-4	1.25	0.1774	
				Additives, not to Declare	N/A	2	0.2838	
5	Element Assy	Ink.	0.35	Formaldehyde, Polymer with 3-Chloro-1-Propene & Phenol	28470-78-2	34.2	0.5602	1.64
				Diallyl Iso-Phthalate	1087-21-4	34.8	0.5701	
				Carbon Black	1333-86-4	10.4	0.1704	
				Benzenetrimethanol, Ar-(2-Propen-1-Yloxy)-	64051-40-7	6.78	0.1111	
				Benzenedimethanol, Ar-(2-Propen-1-Yloxy)-	28655-63-2	4.5	0.0737	
				Graphite	7782-42-5	4.8	0.0786	
				Alkyl Glycidyl Ether	68609-97-2	3.8	0.0622	
				Acrylic Polymer	63148-62-9	0.72	0.0118	
6	Mandrel Wire	Annealed Copper Wire	2.03	Copper	7440-50-8	100	9.50	9.50
		Coating	0.000083	Polyamide	63428-83-1	100	0.0004	0.0004
7	Resist Wire	Nickel-Chromium Alloy	0.523	Nickel	7440-02-0	74	1.81	2.45
				Copper	7440-50-8	1	0.0245	
				Chromium	7440-47-3	21	0.5141	
				Aluminum	7429-90-5	1	0.0245	
				Silicon	7440-21-3	1	0.0245	

MATERIAL DECLARATION SHEET



				Cobalt	7440-48-4	1	0.0245	
				Manganese	7439-96-5	1	0.0245	
8	Varnish	Hi-Thermo	0.094	Alkyd Resin	63148-69-6	99.5	0.44	0.44
				Misc, Not to Declare	N/A	0.5	0.0022	
		Pigment	0.006	Basic Violet 11.1	73398-89-7	99.5	0.0279	0.03
				Misc. Not to Declare	N/A	0.5	0.00001	
9	Terminal Cover	Nylatron	0.109	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66	0.34	0.51
				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	0.275	0.42
				Nickel	7440-02-0	18.00	0.076	
				Zinc	7440-66-6	17.00	0.072	
		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	6.85	Carbon	7440-44-0	0.15
Manganese	7439-96-5					2	0.64122	
Phosphorus	7723-14-0					0.2	0.06412	
Sulfur	7704-34-9					0.15	0.04809	
Silicon	7440-21-3					0.9	0.28855	
Chromium	7440-47-3					18	5.77099	
Nickel	7440-02-0					9	2.88550	
Iron	7439-89-6					69	22.12213	
Molybdenum	7439-98-7					0.6	0.19237	
12	Rotor Molded	Nylatron	1.154	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66	3.56	5.40

MATERIAL DECLARATION SHEET



				Glass Fiber	65997-17-3	32	1.73	
				Molybdenum Disulfide	1317-33-5	2	0.108	
13	Slider Molded	Nylatron	0.205	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66	0.63	0.96
				Glass Fiber	65997-17-3	32	0.31	
				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	0.034	0.05
				Lead	7439-92-1	0.025	0.000012	
				Iron	7439-89-6	0.3	0.00014	
				Nickel	7440-02-0	21	0.010	
				Cobalt	7440-48-4	0.25	0.00012	
				Tin	7440-31-5	5.1	0.0024	
				Manganese	7439-96-5	0.3	0.00014	
				Misc	Not to declare	0.15	0.00007	
15	Collector Bar	Nickel/Silver C770	0.074	Copper	7440-50-8	59	0.20	0.35
				Nickel	7440-02-0	12	0.04	
				Zinc	7440-66-6	29	0.1004	
		Plating	0.0009	Gold	7440-57-5	100	0.004	0.004
16	Terminal Wiper	Brass C260	0.3810	Copper	7440-50-8	70	1.248	1.78
				Zinc	7440-66-6	30	0.53	
		Under Plating	0.0120	Nickel	7440-02-0	100	0.06	0.06
		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	2.508	3.80
				Glass Fiber	65997-17-3	32.00	1.216	

MATERIAL DECLARATION SHEET



				Molybdenum Disulfide	1317-33-5	2.00	0.076	
18	C-Ring	Stainless Steel 420	0.014	Carbon	7440-44-0	0.31	0.00020	0.07
				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	0.000003	
				Nickel	7440-02-0	0.23	0.00015	
				Chromium	7440-47-3	13.15	0.009	
				Iron	7439-89-6	85.40	0.056	
19	Washer S.S.	Stainless Steel 301	0.001	Carbon	7440-44-0	0.15	0.00001	0.00
				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	0.0000	
				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	0.00
				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	0.0000	
				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, Hydrogenated	68649-12-7	58.8	0.0248	0.04
				1-Propene, Polymer with Ethene	9010-79-1	30.8	0.0130	
				Silica, Amorphous Fumed	112945-52-5	5.4	0.0023	
				Polytetrafluoroethylene	9002-84-0	5	0.0021	

MATERIAL DECLARATION SHEET



22	Lube	Lube	0.09	Decanoic Acid, Mixed Esters with Heptanoic Acid, Octanoic Acid, Trimethylolpropane	68130-53-0	54.4	0.23	0.42
				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	0.010	0.02340
				Alumina Trihydrate	21645-51-2	11	0.003	
				Antimony Trioxide	1309-64-4	11	0.003	
				Diglycidyl Ether of Polypropylene Glycol	9072-62-2	10.2	0.002	
				Titanium Dioxide	13463-67-7	0.9	0.0002	
				Kaolin Clay	1332-58-7	6	0.001	
				Epoxy Resin	67924-34-9	6.1	0.001	
				Magnesium Aluminum Silicate	1302-88-1	9.5	0.002	
				Phthalocyanine Blue	147-14-8	1.3	0.0003	
Total weight		21.3655						

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.