

MATERIAL DECLARATION SHEET



Material number	3310H-001-RCL Series			
Product Line	Sensors & Controls			
Compliance Date	3/26/2025			
RoHS Compliant	Yes	MSL	N/A	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material	CASRN	Material s Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substances	if applicable			
1	Wire Copper	Copper Alloy	0.1140	Copper	7440-50-8	99.999	6.1889	6.1889
				Oxygen	7782-44-7	0.001	0.0001	
		Plating	0.0180	Tin	7440-31-5	100	0.9772	0.9772
2	Housing Mld	Shinkong	0.9600	PBT	30965-26-5	49	25.5375	52.1173
				Glass fiber	65997-17-3	35	18.2410	
				Brominated epoxy resin	68928-70-1	10	5.2117	
				Antimony trioxide	1309-64-4	6	3.1270	
3	Element Primary	Snapstrate Ceramic	0.1540	Aluminum	7429-90-5	96	8.0261	8.3605
				Silicon dioxide	7631-86-9	2	0.1672	
				Magnesium	7439-95-4	1	0.0836	
				Calcium	7440-70-2	1	0.0000	
		Minico M-2014 Resistive Ink	0.0001	Carbon black	1333-86-4	67	0.0018	0.0027
				Talc	14807-96-6	29	0.0008	
				Additives not to declare	trade secret	4	0.0001	
Minico M-2015	0.0001	Epoxy resin	24969-06-0	77.94	0.0021	0.0027		

MATERIAL DECLARATION



		Resistive Ink		Talc	14807-96-6	14.26	0.0004	
				Silane, dichlorodimethyl-, reaction products with silica	68611-44-9	0.95	0.0000	
				Confidential Substances	N/A	6.85	0.0002	
4	Element Secondary	Snapstrate Ceramic	0.1540	Aluminum	7429-90-5	96	8.0261	8.3605
				Silicon dioxide	7631-86-9	2	0.1672	
				Magnesium	7439-95-4	1	0.0836	
				Calcium	7440-70-2	1	0.0836	
	Minico M-2014 Resistive Ink	0.0001	Carbon black	1333-86-4	67	0.0018	0.0027	
			Talc	14807-96-6	29	0.0000		
			Additives not to declare	trade secret	4	0.0000		
	Minico M-2013 Resistive Ink	0.00005	Carbon black	1333-86-4	67	0.0018	0.0027	
			Talc	14807-96-6	29	0.0008		
Additives not to declare			trade secret	4	0.0001			
5	Silver Wire	Copper Alloy	0.0005	Copper	7440-50-8	99.999	0.0250	0.0250
				Oxygen	7782-44-7	0.001	0.0000	
		Plating	0.0180	Silver	7440-22-4	100	0.9772	0.9772
6	Rotor shaft Molded	Valox 420	0.2594	PBT	30965-26-5	55	7.7454	14.0825
				Glass fiber	65997-17-3	30	4.2248	
				Antimony trioxide	1309-64-4	4	0.5633	
				Brominated FR (TBBPA polycarbonate polymer)	trade secret	11	1.5491	
7	Contact spring primary	Nickel Strip	0.005	Copper	7440-50-8	65	0.1764	0.2714
				Nickel	7440-02-0	18	0.0489	
				Zinc	7440-66-6	17	0.0461	
	Nickel strip Inlay	0.003	Silver	7440-22-4	56	0.0912	0.1629	
			Copper	7440-50-8	22	0.0358		

MATERIAL DECLARATION



				Zinc	7440-66-6	17	0.0277	
				Tin	7440-31-5	5	0.0081	
		Wire Nickel Silver	0.0001	Copper	7440-50-8	59	0.0032	0.0054
				Nickel	7440-02-0	12	0.0007	
		Strip prepunched Solder	0.00454	Zinc	7440-66-6	29	0.0016	0.2465
				Silver	7440-22-4	5.2	0.0128	
				Bismuth	7440-69-9	0.3	0.0007	
		Strip prepunched Brass	0.0002	Tin	7440-31-5	94.5	0.2329	0.0109
				Copper	7440-50-8	70	0.0076	
				Zinc	7440-66-6	30	0.0033	
8	Contact spring Secondary	Nickel/Silver C770	0.0003	Copper	7440-50-8	59	0.0064	0.0163
				Nickel	7440-02-0	12	0.0020	
				Zinc	7440-66-6	29	0.0047	
9	Oring	Oring	0.0113	Nitrile Rubber	9003-18-3	100	0.6135	0.6135
10	Hex Nut	Brass C360	0.0819	Copper	7440-50-8	61.5	2.7344	4.4463
				Zinc	7440-66-6	35.4	1.5740	
		Nickel plated	0.0001	Lead	7439-92-2	3.1	0.1378	
				Nickel	7440-02-0	100	4.4463	
11	Lockwasher	Stainless Steel 304	0.049	Carbon	7440-44-0	0.53	0.0141	2.6602
				Silicon	7440-21-3	0.35	0.0093	
				Manganese	7439-96-5	0.9	0.0239	
				Phosphorus	7723-14-0	0.03	0.0008	
				Sulphur	7704-34-9	0.035	0.0009	
				Copper	7440-50-8	0.3	0.0080	
				Nickel	7440-02-0	0.2	0.0053	
				Chromium	7440-47-3	0.3	0.0080	
Iron	7439-89-6	97.355	2.5898					

MATERIAL DECLARATION



		Copper Plating	0.001	Copper	7440-50-8	100	0.0543	0.0543
		Nicke Plating	0.001	Nickel	7440-02-0	100	0.0543	0.0543
12	Epoxy	BPFRC	0.005	Epoxy resin	25085-99-8	49	0.1330	0.2714
				Antimony trioxide	1309-64-4	11	0.0299	
				Quartz, (SiO2)	14808-60-7	11	0.0299	
				Aluminum oxide	1344-28-1	11	0.0299	
				Kaolin clay	1332-58-7	9	0.0244	
				Mg alumina silicate	1302-88-1	9	0.0244	
13	Lube	Lube	0.0015	Ethene, tetrafluoro-oxidized polymd.	69991-61-3	78	117.0000	0.0814
				Ethene, tetrafluoro-homopolymer	9002-84-0	22	0.0179	
		Total weight	1.8420					

This Document was updated on: 3/26/2025

Important remarks:

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