


MATERIAL DECLARATION SHEET



Material number	3310Y-L			
Product Line	Sensors & Controls			
Compliance Date	10/14/2024			
RoHS Compliant	Yes	MSL	N/A	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material/	CASRN	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substances	if applicable			
1	Lockwasher	Stainless Steel 304	0.049	Carbon	7440-44-0	0.080	0.003	3.97
				Manganese	7439-96-5	2.000	0.079	
				Phosphorus	7723-14-0	0.045	0.002	
				Sulfur	7704-34-9	0.030	0.001	
				Silicon	7440-21-3	0.750	0.030	
				Chromium	7440-47-3	18.000	0.714	
				Nickel	7440-02-0	8.000	0.317	
				Iron	7439-89-6	71.095	2.820	
		Under plating	0.001	Copper	7440-50-8	100.000	0.0809	0.08
Plating	0.001	Nickel	7440-02-0	100.000	0.0809	0.08		
2	Hexnut	Brass C360	0.0819	Copper	7440-50-8	61.50	4.077	6.63
				Zinc	7440-66-6	35.40	2.347	
				Lead	7439-92-1	3.10	0.206	
		Plating	0.0001	Nickel	7440-02-0	100.00	0.008	0.008
3	Resistive Ink 1	Minico M-2013	0.000002	Carbon black	1333-86-4	67.00	0.0001	0.0002
				Talc	14807-96-6	29.00	0.00005	
				Additives not to declare	Trade Secret	4.00	0.000006	
4	Resistive Ink 2	Minico M-2014	0.000002	Carbon black	1333-86-4	67.00	0.0001	0.0002

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				Talc	14807-96-6	29.00	0.00005	
				additives not to declare	trade secret	4.00	0.000006	
5	Termination Ink	9406 Ink	0.000005	Silver	7440-22-4	88	0.00036	0.00040
				Palladium	7440-05-3	6	0.00002	
				Lead glass	7439-92-1	1.9	0.000008	
				Bismuth Trioxide	1304-76-3	2.9	0.00001	
				Copper Oxide	1317-39-1	1.2	0.000005	
6	Wire	Copper Alloy C102	0.114	Copper	7440-50-8	99.999	9.227	9.23
		Plating	0.018	Oxygen	7782-44-7	0.001	0.000092	
				Tin	7440-31-5	100.00	1.46	1.46
7	6 UP Substrate	Aluminum Oxide	0.154	Aluminum Oxide	1344-28-1	100.00	12.47	12.47
8	Housing	Shinkong compound	0.48	PBT	30965-26-5	49	38.85	38.85
				Glass Fibers	65997-17-3	35	19.04	
				Brominated epoxy resin	68928-70-1	10	13.60	
				Antimony trioxide	1309-64-4	6	3.89	
9	Rotor/Shaft	Shinkong compound	0.228	PBT	30965-26-5	49	9.04	18.45
				Glass Fibers	65997-17-3	35	6.46	
				Brominated epoxy resin	68928-70-1	10	1.845	
				Antimony trioxide	1309-64-4	6	1.107	
10	Epoxy	UV-2665 Epoxy	0.08	Caprolacton, trimethylpropan polymer	37625-56-2	60.00	3.8852	6.475
				Aluminum trioxide	1344-28-1	30.00	1.9426	
				Hydrophobic pyrogenic silica	112945-52-5	10.00	0.6475	
11	O-Ring	Silicon Rubber	0.0113	Silicon Rubber	63394-02-5	100.00	0.91	0.915
12	Contact Spring	Nickel/Silver C762	0.005	Copper	7440-50-8	55.00	0.22259	0.40471
				Nickel	7440-02-0	18.00	0.07285	
				Zinc	7440-66-6	27.00	0.10927	
		Nickel Strip Inlay	0.003	Silver	7440-22-4	56.00	0.13598	0.24283
				Copper	7440-50-8	22.00	0.05342	
				Zinc	7440-66-6	17.00	0.04128	

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				Tin	7440-31-5	5.00	0.01214	
				Nickel	7440-02-0	18.00	0.04371	
		Strip	0.003	Copper	7440-50-8	65.00	0.15784	0.24283
				Zinc	7440-66-6	17.00	0.04128	
		Back up Strip Solder	0.0001	Silver	7440-22-4	5.20	0.00042	
				Bismuth	7440-69-9	0.30	0.00002	0.00809
				Tin	7440-31-5	94.50	0.00765	
		Laminated Back Up Strip Brass C260	0.00454	Copper	7440-50-8	70.00	0.25723	
				Zinc	7440-66-6	30.00	0.11024	0.36748
13	Lube	Lube	0.0015	Siloxanes/Silicones	63148-56-1	70.00	0.08	
				Tetrafluoroethane	9002-84-0	30.00	0.04	0.121
		Total Weight	1.24					

This Document was updated on: 10/15/2024

Important remarks:

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