


MATERIAL DECLARATION SHEET



Material Number	PTL			
Product Line	Panel Controls			
Compliance Date	May 5, 2006			
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	Contact Spring Carrier	POM	0.388	Polyacetate copolymer	24969-26-4	100	7.459	7.459
2	Contact Spring	Nickel Silver	0.039	Copper	7440-50-8	54.786	0.41085	0.750
				Nickel	7440-02-0	17.570	0.13177	
				Zinc	7440-66-6	27.260	0.20445	
				Lead	7439-92-1	0.001	0.00001	
				Tin	7440-31-5	0.002	0.00001	
				Iron	7439-89-6	0.028	0.00021	
				Manganese	7439-96-5	0.350	0.00262	
		Plating		Nickel	7440-02-0	100	0.00007	
3	Spacer	PET	0.014	Polyethylene Terephthalate	25038-59-9	99.8	0.268	0.269
				Titanium dioxide	13463-67-7	0.2	0.001	
4	Leaf Spring	Phosphor Bronze	0.036	Tin	7440-31-5	8.440	0.05840	0.692
				Phosphorus	7723-14-0	0.090	0.00063	
				Lead	7439-92-1	0.002	0.00001	
				Iron	7439-89-6	0.002	0.00001	
				Zinc	7440-66-6	0.003	0.00002	
				Copper	7440-50-8	91.463	0.63293	

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5	LED	Epoxy Resin Steel	0.104	Carbon	7440-44-0	0.050	0.001	1.999
				Manganese	7439-96-5	0.260	0.0053	
				Phosphorus	7723-14-0	0.014	0.0003	
				Sulfur	7704-34-9	0.012	0.0002	
				Silicon	7440-21-3	0.010	0.0002	
				Aluminum	7429-90-5	0.051	0.001	
				Iron	7439-89-6	99.603	1.991	
6	Cover	Steel	3.160	Carbon	7440-44-0	0.040	0.024	60.746
				Silicon	7440-21-3	0.010	0.006	
				Manganese	7439-96-5	0.210	0.127	
				Phosphorus	7723-14-0	0.013	0.008	
				Sulfur	7704-34-9	0.012	0.008	
				Copper	7440-50-8	0.010	0.006	
				Iron	7439-89-6	99.705	60.567	
	Plating	Tin	7440-31-5	100				
7	Element	Bakelite	0.447	Silica Fused	60676-86-0	75	6.445	8.593
				Epoxy, Cresol Novolac	39690-82-2	15	1.289	
				Phenol Novolac	9003-35-4	6	0.516	
				Antimony Trioxide	1309-64-4	3	0.258	
				Brominated Epoxy Black	40039-93-8	1	0.085	
8	Resistor	Carbon Film	0.1	Carbital	71-36-3	57	1.096	1.922
				Carbon	7440-44-0	43	0.826	
9	Lever	Epoxy molding compound	0.625	Epoxy resin	29690-82-2	61.5	7.390	12.015
				Silicon dioxide	14808-60-7	20	2.403	
				Phenolic resin	9003-35-4	12.5	1.502	
				Antimony trioxide	1309-64-4	2.5	0.300	
				Brominated epoxy resin	40039-93-8	2.5	0.300	
				Carbon Black	1333-86-4	1	0.120	

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10	Terminal	Steel	0.289	Carbon	7440-44-0	0.050	0.003	5.555
				Manganese	7439-96-5	0.240	0.013	
				Phosphorus	7723-14-0	0.016	0.001	
				Sulfur	7704-34-9	0.012	0.001	
				Silicon	7440-21-3	0.010	0.001	
				Aluminum	7429-90-5	0.045	0.002	
				Iron	7439-89-6	99.627	5.534	
		Plating	Tin	7440-31-5	100			
		Total weight	5.202					

This Document was updated on: January 3, 2013

Important remarks:

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