

MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	PTD901			
Product Line	Panel Controls			
Compliance Date	Since Inception			
RoHS Compliant	Yes	MSL	N/A	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material/ Substances	CASRN if applicable	Materials Mass [%]	Materials Mass % of total unit wt.	Subpart mass of total wt. [%]
1	Shaft	Zinc Alloy	1.75	Zinc	7440-66-6	89.2	36.515	38.627
				Aluminum	1344-28-1	4.16	1.703	
				Magnesium	7439-95-4	0.1	0.041	
				Copper	7440-50-8	0.9	0.368	
2	Element	PBT	0.21	Glass	65997-17-3	30	1.474	4.912
				Poly(butylene terephthalate)	30965-26-5	65	3.193	
				Antimony Oxide	1309-64-4	5	0.246	
3	Center Detent Spring	Copper Alloy	0.07	Copper	7440-50-8	91.68	1.501	1.637
				Tin	7440-31-5	8.167	0.134	
				Phosphorus	7723-14-0	0.152	0.003	
4	Contact Spring	Copper Alloy	0.04	Copper	7440-50-8	91.68	0.858	0.936
				Tin	7440-31-5	8.167	0.076	
				Phosphorus	7723-14-0	0.152	0.001	
5	Bushing	Zinc Alloy	1.15	Zinc	7440-66-6	89.2	23.995	25.383
				Aluminum	1344-28-1	4.16	1.119	
				Magnesium	7439-95-4	0.1	0.027	
				Copper	7440-50-8	0.9	0.242	
6	Terminal	SPCC-SD	0.03 X 3	Carbon	7440-44-0	1	0.021	2.126
				Manganese	7439-96-5	6	0.126	
				Phosphide	8949-19-2	5	0.105	
				Iron	7439-89-6	88	1.853	
				Silicon	7440-21-3	1	0.021	

MATERIAL DECLARATION SHEET



		Plating	N/A	Tin	7440-31-5	99.96	N/A	N/A
				Copper	7440-50-8	0.0004		
				Antimony	1309-64-4	0.0136		
				Aluminum	1344-28-1	0.00034		
				Iron	7439-89-6	0.0034		
7	Rivet	Aluminum Alloy	0.08 X 2	Aluminum Oxide	1344-28-1	96	3.593	3.742
				Magnesium	7439-95-1	1.33	0.049	
				Silicon	7440-21-3	1.33	0.049	
				Calcium	7440-70-2	1.33	0.049	
9	Housing	PBT	0.11	Glass	65997-17-3	30	1.673	2.573
				Poly(butylene terephthalate)	30965-26-5	65	0.129	
				Antimony Oxide	1309-64-4	5	0.772	
10	Stop	POM	0.19	Trioxane		96	4.267	4.444
				Dioxolane		3	0.133	
				Additive		1	0.044	
11	Stop Plate	Zinc Alloy	0.5	Zinc	7440-66-6	89.2	10.433	11.036
				Aluminum	1344-28-1	4.16	0.487	
				Magnesium	7439-95-4	0.1	0.012	
				Copper	7440-50-8	0.9	0.105	
12	Lube	Polysiloxane	0.005	Polysiloxane		100	0.117	0.117
		Total weight	4.275					

This Document was updated on: November 8, 2005

Important remarks:

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