

# MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	PTD902			
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 [%]	Material Mass % of total unit wt.	Subpart mass of total wt. [%]
1	Shaft	Zinc Alloy	1.85	Zinc	7440-66-6	89.2	34.705	36.712
				Aluminum	1344-28-1	4.16	1.619	
				Magnesium	7439-95-4	0.1	0.039	
				Copper	7440-50-8	0.9	0.35	
2	Element	PBT	0.23 X 2	Glass	65997-17-3	30	2.902	9.674
				Poly(butylene terephthalate)	30965-26-5	65	6.288	
				Antimony Oxide	1309-64-4	5	0.484	
3	Center Detent Spring	Copper Alloy	0.07	Copper	7440-50-8	91.68	1.349	1.472
				Tin	7440-31-5	8.167	1.12	
				Phosphorus	7723-14-0	0.152	0.002	
4	Contact Spring	Copper Alloy	0.04 X 2	Copper	7440-50-8	91.68	1.543	1.682
				Tin	7440-31-5	8.167	0.137	
				Phosphorus	7723-14-0	0.152	0.003	
5	Bushing	Zinc Alloy	1.15	Zinc	7440-66-6	89.2	21.543	22.821
				Aluminum	1344-28-1	4.16	1.006	
				Magnesium	7439-95-4	0.1	0.024	
				Copper	7440-50-8	0.9	0.218	
6	Terminal	SPCC-SD	0.03×6	Carbon	7440-44-0	1	0.038	3.823
				Manganese	7439-96-5	6	0.227	
				Phosphide	8949-19-2	5	0.189	
				Iron	7439-89-6	88	3.331	
				Silicon	7440-21-3	1	0.038	

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		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		
				Aluminium	1344-28-1	0.00034		
				Iron	7439-89-6	0.0034		
7	Rivet	Aluminium	0.08×2	Aluminium	1344-28-1	96	3.23	3.365
				Magnesium	7439-98-5	1.33	0.045	
				Calcium	7440-70-2	1.33	0.045	
				Silicon	7440-21-3	1.33	0.045	
8	Housing	PBT	0.11	Poly(butylene terephthalate)	30965-26-5	65	1.504	2.313
				Antimony trioxide	1309-64-4	5	0.116	
				Glass	65997-17-3	30	0.694	
9	Stop	POM	0.19	Tioxane		96	3.836	3.996
				Dioxolane		3	0.119	
				Additive		1	0.04	
10	Stop Plate	Zinc Alloy	0.5	Zinc	7440-66-6	89.2	9.379	9.922
				Aluminium	1344-28-1	4.16	0.437	
				Magnesium	7439-95-4	0.1	0.011	
				Copper	7440-50-8	0.9	0.095	
11	Lube	Polysiloxane	0.005	Polysiloxane		100	0.105	0.105
		Total weight	4.755					

**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.