


# MATERIAL DECLARATION SHEET



Material Number	PTR901			
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	1.75	Zinc	7440-66-6	89.2	30.048	31.786
				Aluminum	1344-28-1	4.16	1.401	
				Magnesium	7439-95-4	0.1	0.034	
				Copper	7440-50-8	0.9	0.303	
2	Element	PBT	0.21	PBT	26062-94-2	77	3.113	4.042
				Antimony trioxide	1309-64-4	3	0.121	
				Glass	65997-17-3	20	0.809	
3	Detent Spring	Copper Alloy	0.07	Copper	7440-50-8	91	1.226	1.338
				Tin	7440-31-5	8.167	0.11	
				Phosphorus	7723-14-0	0.152	0.002	
4	Slider	Copper Alloy	0.04	Copper	7440-50-8	91	0.701	0.765
				Tin	7440-31-5	8.167	0.063	
				Phosphorus	7723-14-0	0.152	0.001	
5	Bushing	Zinc Alloy	1.15	Zinc	7440-66-6	89.2	19.746	20.888
				Aluminum	1344-28-1	4.16	0.921	
				Magnesium	7439-95-4	0.1	0.022	
				Copper	7440-50-8	0.9	0.199	

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6	Terminal	Steel Alloy	0.03×3	Carbon	7440-44-0	0.5	0.009	1.732
				Manganese	7439-96-5	6	0.104	
				Phosphide	8949-19-2	5	0.087	
				Iron	7439-89-6	88	1.525	
				Silicon	7440-21-3	0.5	0.009	
	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	Stopper seat	Zinc Alloy	0.5	Zinc	7440-66-6	89.2	8.585	9.082
				Aluminum	1344-28-1	4.16	0.4	
				Magnesium	7439-95-4	0.1	0.009	
				Copper	7440-50-8	0.9	0.087	
8	Rivet	Aluminum Alloy	0.08×2	Aluminum	1344-28-1	96	2.957	3.079
				Magnesium	7439-98-5	1.33	0.041	
				Calcium	7440-70-2	1.33	0.041	
				Silicon	7440-21-3	1.33	0.041	
9	Lid	PBT	0.11	PBT	26062-94-2	77	1.63	2.117
				Antimony trioxide	1309-64-4	3	0.064	
				Glass	65997-17-3	20	0.424	
10	Stopper	POM	0.19	Trioxane		96	3.511	3.657
				Dioxolane		3	0.109	
				Additive		1	0.037	

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11	Switch terminal	Steel Alloy	0.03×2	Carbon	7440-44-0	0.5	0.006	1.155
				Manganese	7439-96-5	6	0.069	
				Phosphide	8949-19-2	5	0.058	
				Iron	7439-89-6	88	1.016	
				Silicon	7440-21-3	0.5	0.006	
12	Switch case (top)	PBT	0.24	PBT	26062-94-2	77	3.557	4.619
				Antimony trioxide	1309-64-4	3	0.139	
				Glass	65997-17-3	20	0.924	
13	Switch case (underside)	PBT	0.38	PBT	26062-94-2	77	5.632	7.315
				Antimony trioxide	1309-64-4	3	0.219	
				Glass	65997-17-3	20	1.463	
14	Spring	Steel Alloy	0.03	Iron	7439-89-6	72.2	0.417	0.569
				Chromium	7440-47-3	17.23	0.099	
				Silicon	7440-21-3	0.42	0.002	
				Phosphide	8949-19-2	1.25	0.007	
				Nickel	7440-02-0	7.35	0.042	
15	Switch pole	Copper Alloy	0.05	Copper	7440-50-8	94	0.905	0.943
				Magnesium	7439-98-5	2	0.019	
				Calcium	7440-70-2	1	0.009	
				Silicon	7440-21-3	1	0.009	
16	Switch patch	Copper Alloy	0.05	Copper	7440-50-8	91	0.876	0.956
				Tin	7440-31-5	8.167	0.079	
				Phosphorus	7723-14-0	0.152	0.002	
17	Switch shaft	POM	0.06	Trioxane		96	1.109	1.155
				Dioxolane		3	0.035	
				Additive		1	0.012	

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18	Switch stopper	POM	0.05	Trioxane		96	0.924	0.963
				Dioxolane		3	0.029	
				Additive		1	0.009	
19	Lube	Polysiloxane	0.005	Polysiloxane		100	0.096	0.096
		Total weight	5.195					

**This Document was updated on:** December 1, 2005

**Important remarks:**

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