


MATERIAL DECLARATION SHEET



Material Number	PTR902			
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	28.202	29.834
				Aluminum	1344-28-1	4.16	1.315	
				Magnesium	7439-95-4	0.1	0.032	
				Copper	7440-50-8	0.9	0.285	
2	Element	PBT	0.21×2	PBT	26062-94-2	77	5.843	7.588
				Antimony trioxide	1309-64-4	3	0.228	
				Glass	65997-17-3	20	1.518	
3	Detent Spring	Copper Alloy	0.07	Copper	7440-50-8	91	1.151	1.256
				Tin	7440-31-5	8.167	0.103	
				Phosphorus	7723-14-0	0.152	0.002	
4	Slider	Copper Alloy	0.04×2	Copper	7440-50-8	91	1.315	1.436
				Tin	7440-31-5	8.167	0.118	
				Phosphorus	7723-14-0	0.152	0.002	
5	Bushing	Zinc Alloy	1.15	Zinc	7440-66-6	89.2	18.533	19.605
				Aluminum	1344-28-1	4.16	0.864	
				Magnesium	7439-95-4	0.1	0.021	
				Copper	7440-50-8	0.9	0.187	

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6	Terminal	Steel Alloy	0.03×6	Carbon	7440-44-0	1	0.016	3.252
				Manganese	7439-96-5	6	0.195	
				Phosphide	8949-19-2	5	0.163	
				Iron	7439-89-6	88	2.862	
				Silicon	7440-21-3	1	0.016	
	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	7440-02-0	89.2	8.058	8.524
				Aluminum	1344-28-1	4.16	0.376	
				Magnesium	7439-95-4	0.1	0.009	
				Copper	7440-50-8	0.9	0.081	
				Aluminum	1344-28-1	96	2.775	
Magnesium	7439-98-5	1.33	0.038					
Calcium	7440-70-2	1.33	0.038					
Silicon	7440-21-3	1.33	0.038					
9	Lid	PBT	0.11	PBT	26062-94-2	77	1.53	1.987
				Antimony trioxide	1309-64-4	3	0.059	
				Glass	65997-17-3	20	0.398	
10	Stopper	POM	0.19	Trioxane		96	3.295	3.423
				Dioxolane		3	0.103	
				Additive		1	0.034	
11	Switch terminal	Steel Alloy	0.03×2	Carbon	7440-44-0	1	0.005	1.084
				Manganese	7439-96-5	6	0.065	
				Phosphide	8949-19-2	5	0.054	
				Iron	7439-89-6	88	0.954	
				Silicon	7440-21-3	1	0.005	

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12	Switch case (top)	PBT	0.24	PBT	26062-94-2	77	3.339	4.336
				Antimony trioxide	1309-64-4	3	0.13	
				Glass	65997-17-3	20	0.867	
13	Switch case (underside)	PBT	0.38	PBT	26062-94-2	77	5.286	6.865
				Antimony trioxide	1309-64-4	3	0.206	
				Glass	65997-17-3	20	1.373	
14	Spring	Steel Alloy	0.03	Iron	7439-89-6	72.2	0.391	0.534
				Chromium	7440-47-3	17.23	0.093	
				Silicon	7440-21-3	0.42	0.002	
				Phosphide	8949-19-2	1.25	0.007	
				Nickel	7440-02-0	7.35	0.039	
15	Switch pole	Copper Alloy	0.05	Copper	7440-50-8	94	0.849	0.885
				Magnesium	7439-98-5	2	0.018	
				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	0.822	0.897
				Tin	7440-31-5	8.167	0.074	
				Phosphorus	7723-14-0	0.152	0.001	
17	Switch shaft	POM	0.06	Trioxane		96	1.041	1.084
				Dioxolane		3	0.033	
				Additive		1	0.011	
18	Switch stopper	POM	0.05	Trioxane		96	0.867	0.903
				Dioxolane		3	0.027	
				Additive		1	0.009	
19	Lube	Polysiloxane	0.005	Polysiloxane		100	0.09	0.09
		Total weight	5.535					

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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.