

# MATERIAL DECLARATION SHEET



Material #	PTV11, PTT11			
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	Bracket	Steel Alloy	1.890	Iron	7439-89-6	70	35.099	50.145
				Nickel	7740-02-0	9.43	4.731	
				Chromium	7740-47-3	17.93	8.989	
				Silicon	7740-21-3	0.94	0.473	
				Manganese	7439-96-5	1.89	0.946	
				Carbon	7440-44-0	0.14	0.071	
2	Spring	Copper	0.105	Copper	7440-50-8	98.75	2.751	2.785
				Phosphorus	7723-14-0	1.25	0.034	
3	Shaft	Polycarbonate	0.963	Polycarbonate		100	25.55	25.55
4	Wiper	Copper Alloy	0.045	Copper	7440-50-8	94.23	1.125	1.193
				Nickel	7740-02-0	3	0.036	
				Phosphorus	7723-14-0	2.68	0.032	
5	Resistance Board	Bakelite	0.136	Silica Fused	60676-86-0	75	2.706	3.608
				Epoxy, Cresol Novolac	39690-82-2	15	0.541	
				Phenol Novolac	9003-35-4	6	0.217	
				Antimony Trioxide	1309-64-4	3	0.108	
				Brominated Epoxy Black	40039-93-8	1	0.036	

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Reliable Electronic Solutions

6	Terminal	Iron	0.176	Iron	7439-89-6	99.75	4.658	4.669
				Copper	7440-50-8	0.1	0.004	
				Tin	7440-31-5	0.15	0.007	
		Plating	N/A	Tin	7440-31-5	100	N/A	
7	Base	PBT	0.454	Silica Fused	60676-86-0	68.75	8.281	12.045
				Epoxy, Cresol Novolac	39690-82-2	19.14	2.306	
				Phenol Novolac	9003-35-4	6.87	0.828	
				Antimony Trioxide	1309-64-4	3.46	0.417	
				Brominated Epoxy Black	40039-93-8	1.77	0.213	
		Total weight	3.769					

**This Document was updated on:** March 2, 2006

**Important remarks:**

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