


# MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	PDB12			
Product Line	Panel Controls			
Compliance Date	Since Inception			
RoHS Compliant	Yes	MSL	N/A	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Materials/ Substances	CASRN If applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart Mass of total wt. [%]
1	Contact Spring	Copper Alloy	0.038	Copper	7440-50-8	91.68	1.359	1.483
				Tin	7440-31-5	8.17	0.121	
				Phosphorus	7723-14-0	0.15	0.002	
2	Terminal	Steel Alloy	0.075	Iron	7439-89-6	67.85	1.986	2.927
				Nickel	7740-02-0	10	0.293	
				Chromium	7740-47-3	19	0.556	
				Silicon	7740-21-3	1	0.029	
				Manganese	7439-96-5	2	0.059	
				Carbon	7440-44-0	0.15	0.004	
		Plating	N/A	Tin	7440-31-5	100	N/A	
3	Bracket	Steel Alloy	0.451	Iron	7439-89-6	67.85	11.944	17.603
				Nickel	7740-02-0	10	1.76	
				Chromium	7740-47-3	19	3.345	
				Silicon	7740-21-3	1	0.176	
				Manganese	7439-96-5	2	0.352	
				Carbon	7440-44-0	0.15	0.026	
		Plating	N/A	Tin	7440-31-5	100	N/A	
4	Housing	Steel Alloy	1.043	Iron	7439-89-6	67.85	27.622	40.71
				Nickel	7740-02-0	10	4.071	
				Chromium	7740-47-3	19	7.735	
				Silicon	7740-21-3	1	0.407	



# MATERIAL DECLARATION SHEET

Leading  
by Design™

				Manganese	7439-96-5	2	0.814	
				Carbon	7440-44-0	0.15	0.061	
		Plating	N/A	Zinc	7440-66-6	100	N/A	
5	Element	Bakelite	0.227	Silica Fused	60676-86-0	75	6.645	8.86
				Epoxy, Cresol Novolac	39690-82-2	15	1.329	
				Phenol Novolac	9003-35-4	6	0.532	
				Antimony Trioxide	1309-64-4	3	0.266	
				Brominated Epoxy Black	40039-93-8	1	0.089	
6	Shaft	Polycarbonate	0.728	Polycarbonate	*****	100	28.415	28.415
		Total weight	2.562					

**This Document was updated on:** March 22, 2006

**Important remarks:**

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