

MATERIAL DECLARATION SHEET



Material Number	PDA241			
Product Line	Panel Control			
Compliance Date	December 22, 2009			
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	Aluminum	1.061	Aluminum	1344-28-1	92.442	7.134	7.7178
				Copper	7440-50-8	5.9	0.455	
				Tin	7440-31-5	0.802	0.0619	
				Bismuth	1304-82-1	0.65	0.05	
				Iron	7439-89-6	0.1	0.0077	
2	Bushing	Brass	5.389	Copper	7440-50-8	72	28.224	39.2
				Iron	7439-89-6	1.5	0.588	
				Tin	7440-31-5	0.9	0.3528	
				Bismuth	1304-82-1	1.9	0.7748	
3	Prop	Steel	1.4125	Iron	7439-89-6	73	7.5	10.2746
				Aluminum	1344-28-1	24	2.466	
				Phosphorous	7723-14-0	0.04	0.0041	
				Sulfur	7440-31-5	0.4	0.041	
				Silicon	7740-21-3	1.99	0.02	
				Manganese	7439-96-5	0.52	0.0534	
				Carbon	7440-44-0	0.12	0.012	
		Plating			Tin	7440-31-5	100	
4	Element	Bakelite	0.748	Silica Fused	60676-86-0	37.35	2.032	5.441
				Epoxy,Cresol Novolac	39690-82-2	11.24	0.611	
				Phenol Novolac	9003-35-4	3.71	0.201	
				Antimony Trioxide	1309-64-4	0.02	0.001	
				Brominated Epoxy Black	40039-93-8	49.43	2.689	

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5	Resistive Ink	Ink	0.04	Carbon	7440-44-0	100	0.2909	0.2909
6	Termination Ink	Ink	0.01	Silver	7440-22-4	100	0.0727	0.0727
7	Terminal x 3	Steel	0.530	Iron	7439-89-6	99.38	3.831	3.855
				Copper	7440-50-8	0.38	0.1	
				Tin	7440-31-5	0.25	0.0096	
		Plating		Tin	7440-31-5	100		
8	Rotor	Polycarbonate	0.833	Polycarbonate		100	6.593	6.593
9	Wiper	Phosphor bronze	0.18	Copper	7440-50-8	94.16	1.3116	1.3093
				Tin	7440-31-5	5.73	0.08	
				Phosphorus	7723-14-0	0.09	0.0012	
10	Case	Steel	3.531	Iron	7439-89-6	73	18.75	25.685
				Aluminum	1344-28-1	24	6.1644	
				Phosphorus	7723-14-0	0.04	0.01	
				Sulfur	7440-31-5	0.4	0.1	
				Silicon	7740-21-3	1.99	0.511	
		Plating		Tin	7440-31-5	100		
11	Spring	Phosphor bronze	0.0129	Copper	7440-50-8	94.16	0.0883	0.0938
				Tin	7440-31-5	5.73	0.0054	
				Phosphorus	7723-14-0	0.09	0.00008	
		Total weight	13.7474					

This Document was updated on:

Important remarks:

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