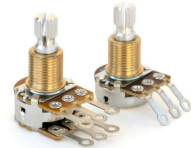


MATERIAL DECLARATION SHEET



Material #	PDB181-K			
Product Line	Potentiometer			
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	Shaft	ZINC ALLOY	2.53	Zinc	7440-66-6	89.2	33.743	37.829
				Aluminum	7429-90-5	4.16	1.574	
				Magnesium	7439-95-4	0.1	0.038	
				Copper	7440-50-8	0.9	0.340	
				Silicon	7440-21-3	0.02	0.007	
2	Bushing	ZINC ALLOY	1.78	Zinc	7440-66-6	89.2	23.741	26.615
				Aluminum	7429-90-5	4.16	1.107	
				Magnesium	7439-95-4	0.1	0.027	
				Copper	7440-50-8	0.9	0.239	
				Silicon	7440-21-3	0.02	0.005	
3	Element	Bakelite	0.359	Silica fused	60676-86-0	68	3.650	5.368
				Epoxy cresol novolac	39690-82-2	20	1.074	
				Phenol novolac	9003-35-4	7	0.376	
				Antimony trioxide	1309-64-4	3	0.161	
				Brominated epoxy black	40039-93-8	2	0.107	
5	Slider	Copper (Without plating)	0.065	Copper	7440-50-8	91.68	0.891	0.972
				Tin	7440-31-5	8.167	0.079	
				Phosphorus	7723-14-0	0.153	0.002	

MATERIAL DECLARATION SHEET



6	Rotor Seat	POM	0.322	Polyoxymethylene	30846-29-8	100	4.814	4.814
7	Terminals	SPCC-SD	0.3 (0.1×3)	Carbon	7440-44-0	0.5	0.022	4.485
				Manganese	7439-96-5	6	0.269	
				Phosphorus	7723-14-0	5	0.225	
				Iron	7439-89-6	88	3.947	
				Silicon	7440-21-3	0.5	0.022	
		Plating		Cu(Inner layer,thickness:1-3um) Sn(Outer layer,thickness:2-3um)	7440-50-8 7440-31-5	100	N/A	
8	Case	SPCC-SD	1.322	Carbon	7440-44-0	0.5	0.099	19.767
				Manganese	7439-96-5	6	1.186	
				Phosphorus	7723-14-0	5	0.988	
				Iron	7439-89-6	88	17.395	
				Silicon	7440-21-3	0.5	0.099	
		Plating		Tin	7440-31-5	100	N/A	
9	Lube	Polysiloxane	0.01	Polysiloxane	63148-62-9	100	0.15	0.15
		Total weight	6.688					

This Document was updated on: August 24, 2012

The weight was measured by model PDB181-K420K-103A.

Important remarks:

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