


# MATERIAL DECLARATION SHEET



Material Number	<b>PDB08</b>			
Product Line	<b>POTENTIOMETER</b>			
Compliance Date	<b>2019-07-17</b>			
RoHS Compliant	<b>YES</b>	<b>MSL</b>	<b>N/A</b>	

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	Nylon 66	0.030	Nylon 6/6	32131-17-2	65	6.171	9.49
				Glass Fiber	65997-17-3	30	2.848	
				Nylon 6	25038-54-4	5	0.475	
2	Slide Contact	t0.1 Nickel Silver	0.013	Copper	7440-50-8	56	2.304	4.11
				Nickel	7440-02-0	19	0.782	
				Zinc	7440-66-6	25	1.028	
3	Insulation Case	PBT	0.082	Polybutylene Terephthalate	26062-94-2	65	16.867	25.95
				Glass Fiber	65997-17-3	32	8.304	
				Additives, not to declare	N/A	3	0.778	
4	Insulation Terminal	t0.25 Nickel Silver	0.085	Copper	7440-50-8	56	15.064	26.90
				Nickel	7440-02-0	19	5.111	
				Zinc	7440-66-6	25	6.725	
		Ag Plating (0.5~1um)	0.007	Silver deposit	7440-22-4	100	2.22	2.22
5	Base Plate	Glass fiber	0.039	Glass	65997-17-3	53	6.541	12.34
				Epoxy Resin	26265-08-7	47	5.801	

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6	Resistor	Carbon Film	0.007	Additives not to declare	N/a	3	0.0666	2.22
				Carbon	7440-44-0	97	2.1634	
		Silver film	0.003	Phenol resin	9003-35-4	55.5	0.52725	0.95
				Silver	7440-22-4	44.5	0.42275	
7	Terminal	t0.3 Steel	0.046	Iron	07439-89-6	100	14.55	14.55
		Sn Plating (5~8um)	0.004	Tin	07440-31-5	99.99	1.269	1.27
				Lead	07439-92-1	0.01	0.001	
		<b>Total weight (g)</b>	<b>0.316</b>					

**This Document was updated on: 11/6/2020**

**Important remarks:**

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