


# MATERIAL DECLARATION SHEET



Material Number 01	<b>PRS14R</b>			
Product Line	<b>POTENTIOMETER</b>			
Compliance Date	<b>2019-07-31</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	PC	0.90	Polycarbonate	25971-63-5	100	26.946	26.94
2	Slide Contact	t0.12 Nickel Silver	0.06	Copper	7440-50-8	56	1.006	1.80
				Nickel	7440-02-0	19	0.341	
				Zinc	7440-66-6	25	0.449	
3	Leaf Spring	t0.3 Phosphor Bronze	0.20	Copper	7440-50-8	91.8	5.497	5.99
				Tin	7440-31-5	8	0.479	
				Phosphorus	7723-14-0	0.2	0.012	
4	Insulation Case	PBT	0.565	Polybutylene Terephthalate	26062-94-2	65	10.996	16.92
				Glass Fiber	65997-17-3	32	5.413	
				Additives, not to declare	N/A	3	0.507	
5	Base Plate	Phenolic laminated	0.165	Pulp, cellulose	65996-61-4	45	2.223	4.94
				Phenolic resin	9003-35-4	55	2.717	
6	Resistor	Carbon Film	0.007	Additives not to declare	N/A	3	0.0063	0.21
				Carbon	7440-44-0	97	0.2037	
		Silver film	0.003	Phenol resin	9003-35-4	55.5	0.04995	0.09
				Silver	7440-22-4	44.5	0.04005	

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7	Terminal	t0.4 Steel	0.161	Iron	7439-89-6	100	5.240	4.82
		Sn Plating (5~8um)	0.014	Tin	7440-31-5	99.99	5.239	0.42
				Lead	7439-92-1	0.01	0.001	
8	Attaching Plate	t0.5 Tin Plated Steel	1.1638	Iron	7439-89-6	99.9	34.806	34.84
				Carbon	7440-44-0	0.05	0.017	
				Manganese	7439-96-5	0.05	0.017	
		0.1012	Tin	7440-31-5	100	3.03	3.03	
<b>Total weight (g)</b>			<b>3.34</b>					

**This Document was updated on:** 7-31-2019

**Important remarks:**

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