


MATERIAL DECLARATION SHEET



Material Number 02	PRS12R-2xxxx-xxxx			
Product Line	Rotary Potentiometer			
Compliance Date	2019-07-10			
RoHS Compliant	YES	MSL	N/A	

No.	Construction element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material \ Substances	CAS-No. If applicable	Material mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Shaft	ψ 6 Aluminum	1.5	Aluminum	7429-90-5	92.398	27.41781	29.6736
				Silicon	7440-21-3	0.15	0.04451	
				Iron	7439-89-6	0.31	0.09199	
				Copper	7440-50-8	5.5	1.63205	
				Zinc	7440-66-6	0.16	0.04748	
				Tin	7440-31-5	0.87	0.25816	
				Lead	7439-92-1	0.002	0.00059	
				Biismuth	7440-69-9	0.6	0.17804	
				Misc, not to declare	N/A	0.01	0.00297	

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2	Bushing	Zinc Casting	1.564	Aluminum	7429-90-5	4	1.237584	30.9396
				Copper	7440-50-8	0.025	0.007735	
				Magnesium	7439-95-4	0.037	0.011448	
				Iron	7439-89-6	0.05	0.015470	
				Zinc	7440-66-6	95.888	29.667364	
3	C Clip	ψ 0.5 Piano Wire	0.01	Iron	7439-89-6	98.512	0.194857	0.1978
				Carbon	7440-44-0	0.625	0.001236	
				Silicon	7440-21-3	0.25	0.000494	
				Manganese	7439-96-5	0.6	0.001187	
				Phosphorus	7723-14-0	0.01	0.000020	
				Sulfur	7704-34-9	0.003	0.000006	
4	Leaf Spring	t0.3 Phosphor Bronze	0.137	Copper	7440-50-8	94.296	2.555610	2.7102
				Tin	7440-31-5	5.529	0.149847	
				Phosphorus	7723-14-0	0.165	0.004472	
				Zinc	7440-66-6	0.006	0.000163	
				Lead	7439-92-1	0.003	0.000081	
				Iron	7439-89-6	0.001	0.000027	
5	Element	t0.8 Bakelite Plastic	0.131	Cellulose	65996-61-4	44	1.14026	2.5915
				Phenolic Resin	9003-35-4	56	1.45124	
6	Resistor	Carbon print	0.0098	Additives, not to declare	N/A	3	0.005817	0.1939
				Carbon	1333-86-4	97	0.188083	
		Silver print	0.0002	Phenol resin	108-95-2	55.5	0.00222	0.0040
				Silver	7440-22-4	44.5	0.00178	

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7	Slide Contact Holder	PBT	0.686	Poly(butylene terephthalate)	26062-94-2	70	9.4995	13.5707
	EL-Block Case			Glass Fiber	65997-17-3	30	4.0712	
8	Slide Contact	T0.12 Nickel Sliver	0.027	Copper	7440-50-8	60	0.32046	0.5341
				Zinc	7440-66-6	21.9	0.1170	
				Nickel	7440-02-0	18	0.0961	
				Manganese	7439-96-5	0.1	0.0005	
9	EL-Terminal	t0.4 steel	0.1932	Iron	7439-89-6	99.6	3.8067	3.8220
				Carbon	7440-44-0	0.09	0.0034	
				Manganese	7439-96-5	0.31	0.0118	
		Tin-plating 5~8μm	0.0168	Tin	7440-31-5	100	0.3323	0.3323
10	Attaching plate	t0.5 Tin Coated plate	0.7072	Iron	7439-89-6	98.32	13.7551	13.9901
				Carbon	7440-44-0	1.04	0.1455	
				Manganese	7439-96-5	0.64	0.0895	
			0.0728	Tin	7440-31-5	9.33	1.4402	1.4402
		Total weight (g)	5.055					

This Document was updated on: 2019/07/10

Important remarks:

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