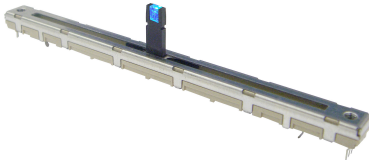


MATERIAL DECLARATION



Material Number	PTL01-15XX-XXXX			
Product Line	Slide POTENTIOMETER			
Compliance Date	2016-11-18			
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.	Lever & Wiper Carrier	POM	0.522	Polyoxymethylene	30846-29-8	100	4.192	4.192
2	Wiper for LED	t0.15 Nickel Silver	0.040	Copper	7440-50-8	54.786	0.189	0.321
				Nickel	7440-02-0	17.570	0.061	
				Zinc	7440-66-6	27.260	0.094	
				Lead	7439-92-1	0.001	0.000003	
				Tin	7440-31-5	0.002	0.00001	
				Iron	7439-89-6	0.028	0.0001	
				Manganese	7439-96-5	0.350	0.001	
				Silicon	7440-21-3	0.002	0.00001	
	Ag Plating		0.003	Silver	7440-22-4	100	0.024	0.024

MATERIAL DECLARATION



3	Wiper for Resistor track	t0.08 Phosphor Bronze	0.0145	Tin	7440-31-5	8.45	0.009802	0.116
				Phosphorus	7723-14-0	0.09	0.000104	
				Lead	7439-92-1	0.003	0.000004	
				Iron	7439-89-6	0.002	0.000002	
				Zinc	7440-66-6	0.004	0.000005	
				Copper	7440-50-8	91.451	0.106083	
				Tin	7440-31-5			
		Ag Plating	0.0005	Silver	7440-22-4	100	0.004	0.004
4	Pad	PET	0.014	Polyethylene Terephthalate	25038-59-9	99.8	0.111776	0.112
				Titanium dioxide	13463-67-7	0.2	0.000224	
5	Leaf Spring	t0.12 Phosphor Bronze	0.028	Tin	7440-31-5	8.45	0.019	0.225
				Phosphorus	7723-14-0	0.09	0.0002	
				Lead	7439-92-1	0.003	0.00001	
				Iron	7439-89-6	0.002	0.000004	
				Zinc	7440-66-6	0.004	0.00001	
				Copper	7440-50-8	91.451	0.206	
				Tin	7440-31-5			
6	Light Emission Diode	Epoxy Resin/ Steel	0.045	Epoxy	25068-38-6	100	0.3615	0.723
			0.045	Carbon	7440-44-0	0.050	0.00018	
				Manganese	7439-96-5	0.260	0.00094	
				Phosphorus	7723-14-0	0.014	0.000051	
				Sulfur	7704-34-9	0.012	0.000087	
				Silicon	7440-21-3	0.010	0.000036	
				Aluminum	7429-90-5	0.051	0.000369	
				Iron	7439-89-6	99.603	0.36006	

MATERIAL DECLARATION



7	Housing	t0.5 Tin Plated Steel	6.223	Carbon	7440-44-0	0.040	0.020	49.972
				Silicon	7440-21-3	0.010	0.005	
				Manganese	7439-96-5	0.210	0.105	
				Phosphorus	7723-14-0	0.013	0.006	
				Sulfur	7704-34-9	0.012	0.006	
				Copper	7440-50-8	0.010	0.005	
				Iron	7439-89-6	99.705	49.824	
8	Element	Bakelite Plastic	1.015	Phenolic Resin	9003-35-4	52	4.238	8.151
				High Insulation Resistance Paper	65996-61-4	48	3.912	
9	Resistor	Carbon print	0.02	Carbon black	1333-86-4	50	0.0805	0.161
		Silver print		Phenol resin	108-95-2	28	0.04508	
				Silver	7440-22-4	22	0.03542	
10.	Plastic over-mold on the element	LCP	2.457	LCP	70679-92-4	>99	19.533	19.73
				Additives, not to declare	-	<1	0.197	
11	Terminal	t0.4 Steel	0.280	Carbon	7440-44-0	0.050	0.0011	2.249
				Manganese	7439-96-5	0.240	0.0054	
				Phosphorus	7723-14-0	0.016	0.0004	
				Sulfur	7704-34-9	0.012	0.0003	
				Silicon	7440-21-3	0.010	0.0002	
				Aluminum	7429-90-5	0.045	0.0010	
				Iron	7439-89-6	99.627	2.2397	
		Tin Plating	0.009	Tin	7440-31-5	100	0.072	0.072

MATERIAL DECLARATION



12	Bracket	t0.3 Tin Plated Steel	1.737	Carbon	7440-44-0	0.040	0.006	13.948
				Silicon	7440-21-3	0.010	0.001	
				Manganese	7439-96-5	0.210	0.029	
				Phosphorus	7723-14-0	0.013	0.002	
				Sulfur	7704-34-9	0.012	0.002	
				Copper	7440-50-8	0.010	0.001	
				Iron	7439-89-6	99.705	13.907	
		Total weight (g)	12.453					

This Document was updated on: 2016.11.18

Important remarks:

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