

Material Composition for PSxxL Slide Potentiometer

Part No.	Description	Sub-component	Material	Chemical Name	CAS #	Total mass of composition part name(mg)		mass of composition part name (mg)	(% of Sub Mass)	Special Classification		
PSxxL	Slide Potentiometer	Terminal	SPCC	C	7440-44-0	58.20	56.2	0.11	0.20%			
				Mn	7439-96-5			0.11	0.20%			
				P	7723-14-0			0.02	0.04%			
				S	7704-34-9			0.02	0.04%			
				Si	7440-21-3			0.17	0.30%			
				Al	7429-90-5			0.02	0.04%			
				Fe	7439-89-6			55.74	99.18%			
			Tin And Pure atomize	Sn	7440-31-5		2.0	2.00	100.00%			
		Slider	C5210 Copper	Cu	7440-50-8	81.60	80.6	73.92	91.71%			
				Sn	7440-31-5			6.45	8.00%			
				Zn	7440-66-6			0.16	0.20%			
				Fe	7439-89-6			0.03	0.04%			
				P	7723-14-0			0.04	0.05%			
			Silver Plating	Ag	7440-22-4	1.0	1.00	100.00%				
		Element	Phenolic Laminate	Pulp cellulose	65996-61-4	394.10	354.7	159.62	45.00%			
				Phenol formaldehyde resin	9003-35-4			195.09	55.00%			
			Carbon Plasm	Methanol	67-56-1		19.7	2.96	15.00%			
				Carbom Black	1333-86-4			13.79	70.00%			
				Talc	14807-96-6			0.79	4.00%			
				Polymer with xylene 8 phend	29601-89-0			0.59	3.00%			
				Moncbutyi Ether	112-34-5			0.59	3.00%			
				Silver	7440-22-4			0.99	5.00%			
				Phenolic resin	9039-25-2			3.84	19.50%			
			Silver Plasm	Silver	7440-22-4		19.7	9.85	50.00%			
				Glass powder	65997-17-3			0.10	0.50%			
				Graphite	7782-42-5			0.99	5.00%			
				Molybdeum disulfide	1317-33-5			0.99	5.00%			
				Diethylene glycol monveihyl ether	111-90-0			3.94	20.00%			
				Slide board	PET			poly(ethylene terephthalate)	25038-59-9	22.20	22.2	15.10
			Glass,Oxide,Chemicals				65997-17-3	7.10	32.00%			
		Spacer plate	C5210 Copper	Cu	7440-50-8	35.80	35.8	32.83	91.71%			
				Sn	7440-31-5			2.86	8.00%			
				Zn	7440-66-6			0.07	0.20%			
				Fe	7439-89-6			0.01	0.04%			
				P	7723-14-0			0.02	0.05%			
		Base	PBT	PBT	26062-94-2	356.60	356.6	299.54	84.00%			
				Glass fibers	65997-17-3			57.06	16.00%			
		Slide Base	POM	ACETAL POLYMER	002-81-7	440.00	440.0	431.20	98.00%			
				STABILIZER	70624-18-9			8.79	2.00%			
		Spring	SUS304	Fe	7439-89-6	28.40	28.4	20.36	71.70%			
				C	7440-44-0			0.02	0.07%			
				Si	7440-21-3			0.12	0.42%			
				Ni	7440-02-0			2.40	8.44%			
				Mn	7439-96-5			0.35	1.23%			
				P	7723-14-0			0.01	0.03%			
				S	7704-34-9			0.00	0.00%			
				Cr	7440-47-3			5.14	18.11%			
		Steel-ball	SWC	Fe	7439-89-6	45.8	45.8	38.93	85.00%			
				C	7440-44-0			5.47	11.94%			
				Mn	7439-96-5			0.92	2.00%			
				S	7704-34-9			0.01	0.03%			
				P	7723-14-0			0.01	0.03%			
				Si	7440-21-3			0.46	1.00%			
		lamp	LED Frame	Ga	7440-55-3	90.1	90.1	27.03	30.00%			
				As	7440-38-2			0.00				
				P	16050-72-9			0.00				
				N	126345-51-5			0.00				
			EPOXY RESIN	EPOXY RESIN	26265-08-7			62.89	69.80%			
			Golden silk	Golden silk	secret			0.09	0.10%			
			LED chip	GaAs	1303-00-0			0.09	0.10%			
		GaN	25617-97-4	0.00								
		Frame	Tinplate	Carbon	7440-44-0	2475.7	2475.7	4.95	0.20%			
				Mn	7439-96-5			4.95	0.20%			
				Phosphorus	7723-14-0			0.99	0.04%			
				Sulfur	7704-34-9			0.99	0.04%			
				Silicon	7440-21-3			7.43	0.30%			
				Aluminium	7429-90-5			0.99	0.04%			
				Iron	7439-89-6			2455.40	99.18%			
			Anti-Rust Oil	Calcium petroleum sulfonate	61789-86-4	5.0	5.0	4.80	96.00%			
				Antioxidants	2082-79-3			0.20	4.00%			
		Grease	Base oil+Addition	Polyisobutylene	9003-27-4	2.0	2.0	1.20	60.00%			
				PAO	68037-01-4			0.70	35.00%			
				Fumed Sitica	68611-44-9			0.10	5.00%			

Total mass			4035.5	mg
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