

Material Composition for PSS2 Potentiometer

Part No.	Description	Sub-component	Material	Chemical Name	CAS #	Total weight of composition part name(mg)		weight of composition part name (mg)	(% of Sub Weight)	Special Classification			
PSS2	Potentiometer	Element	Phenolic Laminate	B.K.P	65996-61-4	355.20	323.23	145.45	45.00%				
				Phenolic Resin	9003-35-4			177.78	55.00%				
			Carbon Plasm	Methanol	67-56-1		14.21	2.13	15.00%				
				Carbom Black	1333-86-4			9.95	70.00%				
				Talc	14807-96-6			0.57	4.00%				
				Polymer with xylene 8 phend	29601-89-0			0.43	3.00%				
				Moncbutyl Ether	112-34-5			0.43	3.00%				
				Silver	7440-22-4			0.71	5.00%				
			Silver Plasm	Phenolic resin	9039-25-2		14.21	2.77	19.50%				
				Silver	7440-22-4			7.11	50.00%				
				Glass powder	65997-17-3			0.07	0.50%				
				Graphite	7782-42-5			0.71	5.00%				
				Molybdeum disulfide	1317-33-5			0.71	5.00%				
				Diethylene glycol monveihyl ether	111-90-0			2.84	20.00%				
			White Oil	Epoxy Resin	25085-99-8		3.55	1.78	50.00%				
				Barium Sulfate Talc	7727-43-7			0.53	15.00%				
				Titanium sulfate	13463-67-7			1.07	30.00%				
				Diethylene Glycol Monoethyl Ether Acetate	112-15-2			0.18	5.00%				
			Slide base	POM	ACETAL POLYMER		002-81-7	406.50	406.50		398.37	98.00%	
					STABILIZER		70624-18-9				8.13	2.00%	
		Conductor Base	PBT	Polybutylene Terephthalate	30965-26-5	709.30	709.30	475.23	67.00%				
				Glass,Oxide	65997-17-3			234.07	33.00%				
		LED Light	LED bracket+expoxy resion+gold silk+LED Chip	Iron	7439-89-6	12.00	12.00	7.26	60.50%				
				Silver	7440-22-4			0.06	0.50%				
				Tin	7440-31-5			0.12	1.00%				
				expoxy resion	201058-08-4			4.55	37.88%				
				Gold silk	7440-57-5			0.00	0.02%				
				LED Chip(GaAs)	1303-00-0			0.01	0.10%				
		Conducctor Board	C5210	Copper	7440-50-8	54.60	54.60	49.52	90.70%				
				Tin(Sn)	7440-31-5			4.91	9.00%				
				P	7723-14-0			0.16	0.30%				
			Ag plating	Ag	7440-22-4	1.00	1.00	1.00	100.00%				
		Terminal	SPCC	C	7440-44-0	773.80	771.80	1.54	0.20%				
				Mn	7439-96-5			1.54	0.20%				
				P	7723-14-0			0.31	0.04%				
				S	7704-34-9			0.31	0.04%				
				Si	7440-21-3			2.32	0.30%				
				Al	7429-90-5			0.34	0.04%				
				Fe	7439-89-6			765.44	99.18%				
			Tin And Pure atomize	Sn	7440-31-5		2.00	2.00	100.00%				
		Slider	C5210	Copper	7440-50-8	54.60	54.60	49.52	90.70%				
				Tin(Sn)	7440-31-5			4.91	9.00%				
				P	7723-14-0			0.16	0.30%				
			Ag plating	Ag	7440-22-4	1.00	1.00	1.00	100.00%				
		Base	PBT	Polybutylene Terephthalate	30965-26-5	709.30	709.30	475.23	67.00%				
				Glass,Oxide	65997-17-3			234.07	33.00%				
		Switch Plate	C5210	Copper	7440-50-8	123.40	123.40	111.92	90.70%				
				Tin(Sn)	7440-31-5			11.11	9.00%				
				P	7723-14-0			0.37	0.30%				
		Resistance Oil	Base oil+Addition	Polyisobutylene	9003-27-4	2.00	2.00	1.20	60.00%				
				PAO	68037-01-4			0.70	35.00%				
				Fumed Sitica	68611-44-9			0.10	5.00%				
Total						3202.700							