

Material Composition for P162 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
P162	Potentiometer	Terminal	SPCC	C	7440-44-0	162.8	162.500	0.325	0.20%	RoHS exempt,Pb in easy-cut Copper
				Mn	7439-96-5			0.325	0.20%	
				P	7723-14-0			0.065	0.04%	
				S	7704-34-9			0.065	0.04%	
				Si	7440-21-3			0.488	0.30%	
				Al	7429-90-5			0.072	0.04%	
				Fe	7439-89-6			161.161	99.18%	
		Tin And Pure atomize	Sn	7440-31-5	0.300	0.300	99.99%			
		Slider	C7701	Cu	7440-50-8	72.6	72.600	39.966	55.05%	
				Zn	7440-66-6			19.058	26.25%	
				Ni	7440-02-0			13.068	18.00%	
				Mn	7439-96-5			0.363	0.50%	
				Fe	7439-89-6			0.145	0.20%	
		Shaft	Zinc Alloy	Fe	7439-89-6	1338.1	1338.1	0.134	0.01%	
				Cu	7440-50-8			6.691	0.50%	
				Mg	7439-95-4			0.669	0.05%	
				Al	7429-90-5			53.524	4.00%	
				Zn	7440-66-6			1277.083	95.44%	
		Rivet	C3604 easy-cut Copper	Cu	7440-50-8	91.4	91.400	55.973	61.24%	
				Zn	7440-66-6			33.443	36.59%	
				Pb	7439-92-1			1.663	1.82%	
				Fe	7439-89-6			0.320	0.35%	
		Element	Phenolic Laminate	B.K.P	65996-61-4	368.4	347.400	156.330	45.00%	
				Phenolic Resin	9003-35-4			191.070	55.00%	
			Carbon Plasm	Methanol	67-56-1			2.100	15.00%	
				Carbom Black	1333-86-4			9.800	70.00%	
				Talc	14807-96-6			0.560	4.00%	
				Polymer with xylene 8 phend	29601-89-0			0.420	3.00%	
				Moncbutyi Ether	112-34-5			0.420	3.00%	
			Silver Plasm	Silver	7440-22-4			0.700	5.00%	
				Phenolic resin	9039-25-2			1.170	19.50%	
				Silver	7440-22-4			3.000	50.00%	
				Glass powder	65997-17-3			0.030	0.50%	
				Graphite	7782-42-5			0.300	5.00%	
				Molybdeum disulfide	1317-33-5			0.300	5.00%	
				Diethylene glycol monveihyl ether	111-90-0			1.200	20.00%	
				Epoxy Resin	25085-99-8			0.500	50.00%	
			White Oil	Barium Sulfate Talc	7727-43-7			0.150	15.00%	
				Titanium sulfate	13463-67-7			0.300	30.00%	
				Diethylene Glycol Monoethyl Ether Acetate	112-15-2			0.050	5.00%	
			STOP PLATE	POM	ACETAL POLYMER			002-81-7	192.0	
		STABILIZER			70624-18-9	3.836	2.00%			
		Terminal	SPCC	C	7440-44-0	162.8	162.500	0.325	0.20%	
				Mn	7439-96-5			0.325	0.20%	
				P	7723-14-0			0.065	0.04%	
				S	7704-34-9			0.065	0.04%	
				Si	7440-21-3			0.488	0.30%	
				Al	7429-90-5			0.072	0.04%	
				Fe	7439-89-6			161.161	99.18%	
		Tin And Pure atomize	Sn	7440-31-5	0.300	0.300	99.99%			
		Slider	C7701	Cu	7440-50-8	72.6	72.600	39.966	55.05%	
				Zn	7440-66-6			19.058	26.25%	
				Ni	7440-02-0			13.068	18.00%	
				Mn	7439-96-5			0.363	0.50%	
				Fe	7439-89-6			0.145	0.20%	
		Case	SPCC	C	7440-44-0	1376.0	1374.3	2.749	0.20%	
				Mn	7439-96-5			2.749	0.20%	
				P	7723-14-0			0.550	0.04%	
				S	7704-34-9			0.550	0.04%	
				Si	7440-21-3			4.123	0.30%	
				Al	7429-90-5			0.605	0.04%	
				Fe	7439-89-6			1362.976	99.18%	
			Luster Tin Plating	Sn	7440-31-5	1.700	1.700	99.99%		
				Al	7429-90-5			73.280	4.00%	
				Cu	7440-50-8			9.160	0.50%	

	Shaft Set	ALLOY Zinc Alloy	Mg	7439-95-4	1832.0	1832.0	0.916	0.05%			
			Fe	7439-89-6			0.183	0.01%			
			Sn	7440-31-5			0.002	0.00%			
			Zn	7440-66-6			1748.439	95.44%			
	NUT	Fe+Nickel	Fe	7439-89-6	350.0	350.000	343.000	98.00%			
			Ni	7440-02-0			7.000	2.00%			
	Washer	SPCC	C	7440-44-0	122.2	121.400	0.243	0.20%			
			Mn	7439-96-5			0.243	0.20%			
			P	7723-14-0			0.049	0.04%			
			S	7704-34-9			0.049	0.04%			
			Si	7440-21-3			0.364	0.30%			
			Al	7429-90-5			0.053	0.04%			
			Fe	7439-89-6			120.400	99.18%			
			Luster Tin Plating	Sn			7440-31-5	0.800	0.800	99.99%	
		Switch Plate	C2680	Cu			7440-50-8	111.200	111.200	75.616	68.00%
				Zn			7440-66-6			35.584	32.00%
		Ag Plating	Ag	7440-22-4	1.0	1.0	1.000	100.00%			
			Si	7440-21-3	22.0	22.000	0.141	0.64%			
	Spring	SWP-B	Mn	7439-96-5			0.273	1.24%			
			P	7723-14-0			1.827	8.31%			
S			7704-34-9	0.007			0.03%				
Fe			7439-89-6	19.752			89.78%				
Spring Plate			C2680	Cu			7440-50-8	171.3	171.300	116.484	68.00%
	Zn	7440-66-6		54.816	32.00%						
	Ag Plating	Ag	7440-22-4	2.0	2.000	2.000	100.00%				
		Base board	Phenolic Laminate	B.K.P	65996-61-4	345.0	345.000	155.250	45.00%		
Phenolic Resin	9003-35-4			189.750	55.00%						
Shaft Oil	Base oil+Addition	Polyisobutylene	9003-27-4	2.0	2.000	1.200	60.00%				
		PAO	68037-01-4			0.700	35.00%				
		Fumed Silica	68611-44-9			0.100	5.00%				

Total	6560.000	
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