

Material Composition for P165 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		
P165	Potentiometer	Terminal	SPCC	C	7440-44-0	275.50	273.50	0.55	0.20%			
				Mn	7439-96-5			0.55	0.20%			
				P	7723-14-0			0.11	0.04%			
				S	7704-34-9			0.11	0.04%			
				Si	7440-21-3			0.82	0.30%			
				Al	7429-90-5			0.12	0.04%			
				Fe	7439-89-6			271.25	99.18%			
			Tin And Pure atomize	Sn	7440-31-5	2.00	2.00	99.99%				
			Slider	C7701	Cu	7440-50-8	72.60	72.60	39.97		55.05%	
					Zn	7440-66-6			19.06		26.25%	
		Ni			7440-02-0	13.07			18.00%			
		Mn			7439-96-5	0.36			0.50%			
		Fe			7439-89-6	0.15			0.20%			
		Shaft	A2011 Aluminum	Fe	7439-89-6	1811.30	1811.30	12.68	0.70%			
				Si	7440-21-3			7.25	0.40%			
				Cu	7440-50-8			90.57	5.00%			
				Mn	7439-96-5			0.91	0.05%			
				Mg	7439-95-4			9.06	0.50%			
				Al	7429-90-5			1681.79	92.85%			
				Bi	7440-69-9			3.62	0.20%			
				Zn	7440-66-6			5.43	0.30%			
				Element	Phenolic Laminate			B.K.P	65996-61-4	368.40	347.40	156.33
		Phenolic Resin	9003-35-4			191.07	55.00%					
		Carbon Plasm	Methanol			67-56-1	2.10	15.00%				
			Carbom Black		1333-86-4	9.80	70.00%					
			Talc		14807-96-6	0.56	4.00%					
			Polymer with xylene 8 phend		29601-89-0	0.42	3.00%					
			Moncbutyl Ether		112-34-5	0.42	3.00%					
		Silver Plasm	Silver		7440-22-4	0.70	5.00%					
			Phenolic resin		9039-25-2	1.17	19.50%					
			Silver		7440-22-4	3.00	50.00%					
			Glass powder		65997-17-3	0.03	0.50%					
			Graphite		7782-42-5	0.30	5.00%					
			Molybdeum disulfide		1317-33-5	0.30	5.00%					
			Diethylene glycol monveihyl ether		111-90-0	1.20	20.00%					
		White Oil	Epoxy Resin		25085-99-8	0.50	50.00%					
			Barium Sulfate Talc		7727-43-7	0.15	15.00%					
			Titanium sulfate		13463-67-7	0.30	30.00%					
			Diethylene Glycol Monoethyl Ether Acetate		112-15-2	0.05	5.00%					
			STOP PLATE		POM	ACETAL POLYMER	002-81-7	192.00	192.00			188.16
		Terminal	SPCC		STABILIZER	70624-18-9	275.50	273.50	3.84			2.00%
				C	7440-44-0	0.55			0.20%			
				Mn	7439-96-5	0.55			0.20%			
				P	7723-14-0	0.11			0.04%			
				S	7704-34-9	0.11			0.04%			
				Si	7440-21-3	0.82			0.30%			
				Al	7429-90-5	0.12			0.04%			
			Fe	7439-89-6	271.25	99.18%						
			Tin And Pure atomize	Sn	7440-31-5	2.00	2.00	100.00%				
			Slider	C7701	Cu	7440-50-8	72.60	72.60	39.97	55.05%		
		Zn			7440-66-6	19.06			26.25%			
		Ni			7440-02-0	13.07			18.00%			
		Mn			7439-96-5	0.36			0.50%			
		Fe			7439-89-6	0.15			0.20%			
		Case	SPCC	C	7440-44-0	1352.60	1350.60	2.70	0.20%			
				Mn	7439-96-5			2.70	0.20%			
				P	7723-14-0			0.54	0.04%			
				S	7704-34-9			0.54	0.04%			
				Si	7440-21-3			4.05	0.30%			
				Al	7429-90-5			0.59	0.04%			
				Fe	7439-89-6			1339.47	99.18%			
			Luster Tin Plating	Sn	7440-31-5	2.00	2.00	100.00%				
			Shaft Set	ALLOY Zinc Alloy	Al	7429-90-5	3670.00	3670.00	146.80	4.00%		
					Cu	7440-50-8			18.35	0.50%		
		Mg			7439-95-4	1.84			0.05%			
		Fe			7439-89-6	0.37			0.01%			
		Sn			7440-31-5	0.37			0.01%			
		Zn			7440-66-6	3502.28			95.43%			

	NUT	Fe+Nickel	Fe	7439-89-6	1190.00	1190.00	1166.20	98.00%				
			Ni	7440-02-0			23.80	2.00%				
	Washer	SPCC	C	7440-44-0	122.20	121.40	0.24	0.20%				
			Mn	7439-96-5			0.24	0.20%				
			P	7723-14-0			0.05	0.04%				
			S	7704-34-9			0.05	0.04%				
			Si	7440-21-3			0.36	0.30%				
			Al	7429-90-5			0.05	0.04%				
			Fe	7439-89-6			120.40	99.18%				
			Luster Tin Plating	Sn			7440-31-5	0.80		0.80	99.99%	
			retainer plate	SPCC			C	7440-44-0		595.30	594.30	1.19
	Mn	7439-96-5			1.19	0.20%						
	P	7723-14-0			0.24	0.04%						
	S	7704-34-9			0.24	0.04%						
	Si	7440-21-3			1.78	0.30%						
	Al	7429-90-5			0.26	0.04%						
	Fe	7439-89-6			589.40	99.18%						
	Nickel Plating	Ni			7440-02-0	1.00	1.00	100.00%				
	Shaft 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 Sítica	68611-44-9	0.10	5.00%						

Total	10000.000	
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