

# Material Composition for P110 Potentiometer

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (mg)	Special Classification
Terminal	SPCC	1.420%	C	7440-44-0	0.07	N/A
			Mn	7439-96-5	0.07	
			P	7723-14-0	0.01	
			S	7704-34-9	0.01	
			Si	7440-21-3	0.11	
			Al	7429-90-5	0.02	
			Fe	7439-89-6	35.94	
			Sn	7440-31-5	0.03	
Spring Plate	C5210 Copper	5.160%	Cu	7440-50-8	120.77	
			Sn	7440-31-5	10.53	
			Zn	7440-66-6	0.26	
			Fe	7439-89-6	0.05	
			P	7723-14-0	0.07	
Element	Fiber Grass board	5.085%	Fiber Glass Wool	65997-17-3	57.10	
			EPOXY RESIN	26265-08-7	51.91	
			Cu	7440-50-8	20.76	
	Carbon Plasm	0.002%	Methanol	67-56-1	0.01	
			Carbom Black	1333-86-4	0.04	
			Talc	14807-96-6	0.00	
	Silver Plasm	0.002%	Polymer with xylene 8 phend	29601-89-0	0.00	
			Moncbutyi Ether	112-34-5	0.00	
			Silver	7440-22-4	0.00	
			Phenolic resin	9039-25-2	0.01	
			Silver	7440-22-4	0.03	
			Glass powder	65997-17-3	0.00	
	White Oil	0.001%	Graphite	7782-42-5	0.00	
			Molybdeum disulfide	1317-33-5	0.00	
			Diethylene glycol monveihyl ethe	111-90-0	0.01	
			Epoxy Resin	25085-99-8	0.01	
			Barium Sulfate Talc	7727-43-7	0.00	
			Titanium sulfate	13463-67-7	0.01	
Diethylene Glycol Monoethyl Ether Ac	112-15-2	0.00				
Shaft	PC	38.598%	PC resin	25971-63-5	985.04	
Base	PBT	7.110%	Polybutylene Terephthalate	30965-26-5	123.39	
			Glass,Oxide,Chemicals	65997-17-3	58.06	
Slider	C7701R	1.500%	Cu	7440-50-8	21.07	
			Zn	7440-66-6	10.05	
			Ni	7440-02-0	6.89	
			Mn	7439-96-5	0.19	
			Fe	7439-89-6	0.08	
Frame	SPCC	41.119%	C	7440-44-0	2.10	
			Mn	7439-96-5	2.10	
			P	7723-14-0	0.42	
			S	7704-34-9	0.42	
			Si	7440-21-3	3.15	
			Al	7429-90-5	0.46	
			Fe	7439-89-6	1,040.73	
			Sn	7440-31-5	0.03	
Shaft Oil	Base oil+Addition	0.001%	Polyisobutylene	9003-27-4	0.02	
			PAO	68037-01-4	0.01	
			Fumed Sitica	68611-44-9	0.00	

<b>Total mass</b>	<b>2,552.05 mg</b>
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