

Material Composition for P08 Potentiometer

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (mg)	Special Classification
電阻片Element	纖維板Fiberglass board	0.331%	SiO2	65997-17-3	10.52	RoHS exemption 6 (c)
		0.301%	Resin	26265-08-7	9.56	
		0.120%	Cu	7440-50-8	3.82	
	碳漿Carbon Plasm	0.004%	Methanol	67-56-1	0.12	
		0.017%	Carbom Black	1333-86-4	0.54	
		0.001%	Talc	14807-96-6	0.03	
	銀漿Silver Plasm	0.001%	Polymer with xylene 8 phend	29601-89-0	0.02	
		0.001%	Moncbutyi Ether	112-34-5	0.02	
		0.001%	Silver	7440-22-4	0.04	
		0.013%	silver	7440-22-4	0.41	
		0.001%	graphite	7782-42-5	0.02	
		0.000%	Molybdenum disulfide	1317-33-5	0.01	
		0.000%	1-methoxy-2-propylpropionate	148462-57-1	0.02	
		0.000%	glass powder	65997-17-3	0.00	
		0.003%	phenolic resin1	9003-35-4	0.08	
		0.001%	phenolic resin2	9039-25-2	0.03	
		0.000%	poly vinyl butyral	63148-65-2	0.00	
		0.001%	n-butanol	71-36-3	0.03	
		0.000%	cresol	1319-77-3	0.00	
		0.000%	Methyl alcohol	67-56-1	0.01	
	0.005%	ethylene glycolmonoethyle ether	111-90-0	0.15		
	白油White Oil	0.004%	Epoxy Resin	25085-99-8	0.13	
		0.001%	Barium Sulfate Talc	7727-43-7	0.04	
		0.002%	Titanium sulfate	13463-67-7	0.08	
		0.000%	ylene Glycol Monoethyl Ether Ac	112-15-2	0.01	
	軸心Shaft	黃銅C3602	37.876%	Cu	7440-50-8	
0.723%			Pb	7439-92-1	23.00	
0.081%			Fe	7439-89-6	2.58	
銅柱Copper pillar	黃銅C3602	0.831%	Cu	7440-50-8	26.44	
		0.016%	Pb	7439-92-1	0.50	
		0.002%	Fe	7439-89-6	0.06	
彈片Spring Plate	鍍銀Silver Plating SUS301	0.063%	Ag	7440-22-4	2.00	
		0.003%	Si	7440-21-3	0.11	
		0.006%	Mn	7439-96-5	0.20	
		0.047%	Ni	7440-02-0	1.49	
		0.103%	Cr	7440-47-3	3.28	
止動塊Stop Block	鋅合金Zinc alloy	0.403%	Fe	7439-89-6	12.82	
		0.258%	Al	7429-90-5	8.21	
		5.990%	Zn	7440-66-6	190.49	
		0.003%	Mg	7439-95-4	0.08	
		0.001%	Fe	7439-89-6	0.02	
E扣環Button Ring	琴鋼線SWP-B	0.002%	Si	7440-21-3	0.06	
		0.003%	Mn	7439-96-5	0.11	
		0.023%	P	7723-14-0	0.73	
		0.000%	S	7704-34-9	0.00	
		0.248%	Fe	7439-89-6	7.90	
導體板Conductor	C2680R	2.588%	Cu	7440-50-8	82.28	
		1.218%	Zn	7440-66-6	38.72	
		0.094%	Ag	7440-22-4	3.00	
切換軸Switch axis	POM	0.930%	ACETAL POLYMER	9002-81-7	29.58	
		0.000%	STABILIZER	70624-18-9	0.02	
		2.875%	Cu	7440-50-8	91.43	
墊片Gasket	磷青銅C5210R	0.285%	Sn	7440-31-5	9.07	
		0.010%	P	7723-14-0	0.302	
軸套 Shaft Set	鋅合金Zinc alloy	1.330%	Al	7429-90-5	42.291	
		30.856%	Zn	7440-66-6	981.197	
		0.013%	Mg	7439-95-4	0.410	
		0.003%	Fe	7439-89-6	0.102	
		0.456%	ACETAL POLYMER	9002-81-7	14.493	
開關子Switch	POM	0.000%	STABILIZER	70624-18-9	0.007	
		0.962%	Cu	7440-50-8	30.600	
切換片Switch Plate	C2680R	0.453%	Zn	7440-66-6	14.400	
		0.000%	Ag	7440-22-4	-	
彈簧Spring	鍍銀Silver Plating SUS304	0.379%	Fe	7439-89-6	12.044	
		0.000%	C	7440-44-0	0.012	
		0.002%	Si	7440-21-3	0.071	
		0.045%	Ni	7440-02-0	1.418	
		0.006%	Mn	7439-96-5	0.207	
		0.096%	Cr	7440-47-3	3.042	
		0.000%	P	7723-14-0	0.005	
		0.000%	S	7704-34-9	-	
		0.010%	Si	7440-21-3	0.324	
		0.001%	Mn	7439-96-5	0.042	
腳釘Rivet	鋁A5052 AL	0.019%	Mg	7439-95-4	0.61	
		0.429%	Al	7429-90-5	1.36E+01	
		4.449%	Polybutylene Terephthalate	30965-26-5	141.48	
		0.718%	Antimony oxide	1309-64-4	22.82	
		2.009%	Glass,Oxide,Chemicals	65997-17-3	63.90	
端子Terminal	冷軋鋼SPCC-SD	0.002%	C	7440-44-0	0.05	
		0.002%	Mn	7439-96-5	0.05	
		0.000%	P	7723-14-0	0.01	
		0.000%	S	7704-34-9	0.01	
		0.002%	Si	7440-21-3	0.08	
		0.000%	Al	7429-90-5	0.01	
		0.780%	Fe	7439-89-6	24.79	
		0.063%	Sn	7440-31-5	2.00	
		0.761%	ACETAL POLYMER	9002-81-7	24.19	
		0.000%	STABILIZER	70624-18-9	0.01	
		0.143%	Cu	7440-50-8	4.54	
		0.014%	Sn	7440-31-5	0.45	
折動子Slider	磷青銅C5210R	0.000%	P	7723-14-0	0.02	
		0.031%	Ag	7440-22-4	1.00	
		0.031%	PAO	68037-01-4	9	
		0.142%	Polyisobutylene	115-11-7	4.50	
油脂Grease	基油+添加劑Base oil	0.047%	Fumed Silica	68611-44-9	1.50	
		Total3,179.90mg				