

# Material Declaration

Type  
SMU3

Total Weight (mg)  
594.4



REACH compliant



Part	Weight of parts (mg)	Content substance		CAS No	Content (mg)	Content absolute(%)
Crystal Blank	4.6	synthetic quartz Crystal	Silicon oxide(SiO <sub>2</sub> )	7631-86-9	4.600	0.770
Electrode	0.1	Silver	Silver (Ag)	7440-22-4	0.100	0.020
Conductive Bond	3.7	Silver Epoxy Resin	Silver (Ag)	7440-22-4	2.820	0.540
			Ethylacetate	112-15-2	0.280	0.047
			Phenol	25068-38-6	0.270	0.045
			Fatty Acids	67989-52-0	0.130	0.022
			Bisphenol-F Epoxy	55492-52-9	0.200	0.080
Holder Base	349.1	Base (SPCC )	Carbon (C)	7440-44-0	0.300	0.050
			Manganese	7439-96-5	0.500	0.080
			Iron (Fe)	7439-89-6	312.000	52.490
		Holder Terminal (KOVAR)	Nickel (Ni)	7440-02-0	4.800	0.810
			Cobalt (Co)	7440-48-4	2.700	0.450
		Borosilicate Glass	Iron (Fe)	7439-89-6	8.800	1.480
		Pin (Copper Nickel alloy)	Borosilicate Glass	65997-17-3	13.700	1.970
			Copper (Cu)	7440-50-8	4.800	0.810
Nickel (Ni)	7440-02-0		1.400	0.240		
Solder Plating (Sn100C)	Copper (Cu)	7440-50-8	0.007	0.0014		
	Tin (Sn)	7440-31-5	0.093	0.0186		
Cap	189	Silver Nickel	Copper (Cu)	7440-50-8	125.000	21.030
			Zinc (Zn)	7440-66-6	26.000	4.370
			Nickel (Ni)	7440-02-0	37.000	6.220
			Manganese (Mn)	7439-96-5	1.000	0.170
Insulation Base	47.9	Plastic	Poly(p-phenylene sulfide)	26125-40-6	34.640	4.880
			Borosilicate Glass	65997-17-3	12.500	2.020
			Polyethylene	9002-88-4	0.520	0.060
			Carbon Black	1333-86-4	0.240	0.040

TOTAL	594.4					
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