

Material Declaration

Type
SMU4

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 ₂)	7631-86-9	4.60	0.770
Electrode	0.1	Silver	Silver (Ag)	7440-22-4	0.10	0.020
Conductive Bond	3.7	Silver Epoxy Resin	Silver (Ag)	7440-22-4	2.82	0.540
			Phenol	25068-38-6	0.55	0.093
			Fatty Acids	67989-52-0	0.13	0.022
			Bisphenol-F Epoxy	55492-52-9	0.20	0.080
Holder Base	349.1	Base (SPCC)	Carbon (C)	7440-44-0	0.30	0.050
			Manganese	7439-96-5	0.50	0.080
			Iron (Fe)	7439-89-6	312.00	52.490
		Holder Terminal (KOVAR)	Nickel (Ni)	7440-02-0	4.80	0.810
			Cobalt (Co)	7440-48-4	2.70	0.450
			Iron (Fe)	7439-89-6	8.80	1.480
		Borosilicate Glass	Borosilicate Glass	65997-17-3	13.70	1.970
		Pin (Copper Nickel alloy)	Copper (Cu)	7440-50-8	4.80	0.810
			Nickel (Ni)	7440-02-0	1.40	0.240
			Solder Plating (Sn100C)	Copper (Cu)	7440-50-8	0.007
Tin (Sn)	7440-31-5	0.093		0.0186		
Cap	189	Silver Nickel	Copper (Cu)	7440-50-8	125.00	21.030
			Zinc (Zn)	7440-66-6	26.00	4.370
			Nickel (Ni)	7440-02-0	37.00	6.220
			Manganese (Mn)	7439-96-5	1.00	0.170
Insulation Base	47.9	Plastic	Poly(p-phenylene sulfide)	26125-40-6	34.64	4.880
			Borosilicate Glass	65997-17-3	12.50	2.020
			Polyethylene	9002-88-4	0.52	0.060
			Carbon Black	1333-86-4	0.24	0.040

TOTAL

594.4