

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 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	
			Ethylacetate	112-15-2	0.28	0.047	
			Phenol	25068-38-6	0.27	0.045	
			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
Holder Terminal (KOVAR)	Manganese	7439-96-5	0.50			0.080	
	Iron (Fe)	7439-89-6	312.00			52.490	
	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			
Cap	189	Silver Nickel	Solder Plating (Sn100C)	Tin (Sn)	7440-31-5	0.10	0.020
			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