

SMU4 Series Material Declaration

Total Weight: 594,4 mg
Size: 11.5 x 4.8 x 4.0 mm



RoHS compliant



Pb free



REACH compliant



Part	Weight of parts (mg)	Content substance		CAS No	Content (mg)	Content (%)
Crystal Blank	4.60	synthetic quartz Crystal	Silicon oxide(SiO ₂)	7631-86-9	4.60	0,77
Electrode	0.10	Silver	Silver (Ag)	7440-22-4	0.10	0,02
Conductive Bond		Silver powder	Silver (Ag)	7440-22-4	3.20	0,54
		Resin	C ₁₂ H ₂₆	112-40-3	0.50	0,08
Holder Base	349.1	Base (SPCC) 312.8 mg	Carbon (C)	7440-44-0	0.30	0,05
			Manganese	7439-96-5	0.50	0,08
			Iron (Fe)	7439-89-6	312.00	52,49
		Holder Terminal (KOVAR)	Nickel (Ni)	7440-02-0	4.80	0,81
			Cobalt (Co)	7440-48-4	2.70	0,45
		Glass (Hard Glass) 13.7 (mg)	Iron (Fe)	7439-89-6	8.80	1,48
			Silicon oxide(SiO ₂)	7631-86-9	11.70	1,97
			Aluminum oxide(Al ₂ O ₃)	1344-28-1	1.70	0,29
		Pin (Copper Nickel alloy) 6.2 mg	Potassium oxide (K ₂ O)	12136-45-7	0.30	0,05
			Copper (Cu)	7440-50-8	4.80	0,81
Solder Plating (Sn100C)	Nickel (Ni)	7440-02-0	1.40	0,24		
	Tin (Sn)	7440-31-5	0.10	0,02		
Cap	189.0	Silver Nickel 189.0 mg	Copper (Cu)	7440-50-8	125.00	21,03
			Zinc (Zn)	7440-66-6	26.00	4,37
			Nickel (Ni)	7440-02-0	37.00	6,22
		Plastic	Manganese (Mn)	7439-96-5	1.00	0,17
			Poly(p-phenylene sulfide)	26125-40-6	29.00	4,88
Insulation Base	47.9		Silicon oxide(SiO ₂)	7631-86-9	12.0	2,02
			Aluminum oxide(Al ₂ O ₃)	1344-28-1	2.0	0,34
			Diboron trioxide (B ₂ O ₃)	1303-86-2	3.2	0,53
			Calcium carbonate	471-34-1	0.60	0,10
			Lithium Carbonate	554-13-2	0.48	0,08
			Polyethylene	9002-88-4	0.38	0,06
			Carbon Black	1333-86-4	0.24	0,04

TOTAL

594.40

100