

# HC49/U - Material Declaration

Product Weight: 972 mg



RoHS compliant



Pb free



REACH compliant



Part name	Mass mg	Content Substance		CAS	Mass mg	Percentage %
Crystal blank	11	Synt. Quartz crystal	SiO <sub>2</sub>	14808-60-7	11.0	1.13
Base	326	Steel alloyed	Iron	7439-89-6	324.7	33.39
			Carbon	7440-44-0	0.195	0.02
			Molybdenum	7439-98-7	0.130	0.01
		Nickel plating	Nickel	7440-02-0	1.0	0.10
Holder Terminal	18	Nickel Silver	Nickel	7440-02-0	3.2	0.33
			Copper	7440-50-8	9.9	1.02
			Zinc	7440-66-6	4.9	0.50
Glass	9	Glass	Silicon dioxide	14808-60-7	6.0	0.62
		Alumina	Aluminium oxide	1344-28-1	0.9	0.09
		other additives	other additives	proprietary	2.1	0.22
Pins	75	Kovar	Iron	7439-89-6	40.1	4.12
			Nickel	7440-02-0	21.5	2.21
			Kobalt	7440-48-4	12.6	1.30
		Nickel plating	Nickel	7440-02-0	0.2	0.02
		Tin plating	Tin	7440-31-5	0.5	0.05
Cap	525	Nickel Silver	Nickel	7440-02-0	93.8	9.65
			Copper	7440-50-8	286.7	29.48
			Zinc	7440-66-6	140.8	14.47
		Nickel plating	Nickel	7440-02-0	3.7	0.38
Electrode	0.6	Silver	Ag	7440-22-4	0.6	0.06
Conductive Bond	7.9	Silver	Ag	7440-22-4	6.3	0.65
		Epoxy	Epoxy Resin	proprietary	1.6	0.16

