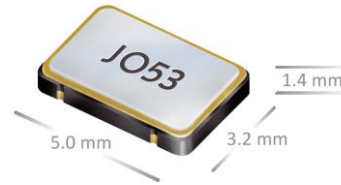


JO53 Series Material Declaration

Total Weight: 53 mg



RoHS compliant



Pb free



REACH compliant



Part	Weight of parts (mg)	Content substance			CAS No	Content (mg)	Content (wt%)
Crystal blank	0.9162	Quartz	Quartz	SiO ₂	14808-60-7	0.9162	1.7238
Electrode	1.4803	Ag-Cr	Silver	Ag	7440-22-4	1.4800	2.7846
			Chromium	Cr	7440-47-3	0.0003	0.0006
Conductive adhesive	0.0340	Silicon resin	Silicon dioxide	SiO ₂	67989-52-0	0.00238	0.00448
			Siloxan	Siloxan	68083-19-2	0.00510	0.00960
			Silver	Ag	7440-22-4	0.02652	0.04990
Base	38.8596	Ceramic	Aluminium oxide	Al ₂ O ₃	1344-28-1	32.3296	60.8272
			Silicon dioxide	SiO ₂	7631-86-9	1.0300	1.9379
			Chromium oxide	Cr ₂ O ₃	1308-38-9	0.1600	0.3010
			Molybdenum	Mo	7439-98-7	0.2200	0.4139
		Gold plate	Gold	Au	7440-57-5	0.8100	1.5240
		Ni	Nickel	Ni	7440-02-0	1.7600	3.3114
		Mo-W	Molybdenum	Mo	7439-98-7	0.0800	0.1505
Tungsten	W		7440-33-7	2.4700	4.6472		
IC	4.2592	Au Wire	Gold	Au	7440-57-5	3.7567	7.0680
		Si-Al	Silicon	Si	7440-21-3	0.4990	0.9388
			Aluminium	Al	7429-90-5	0.0036	0.0068
Metal Cap	7.6006	Kovar	Iron	Fe	7439-89-6	3.6700	6.9050
			Nickel	Ni	7440-02-0	1.9700	3.7065
			Cobalt	Co	7440-48-4	1.1600	2.1825
		Ni	Nickel	Ni	7440-02-0	0.4000	0.7526
			Ag-Cu	Silver	Ag	7440-22-4	0.2900
		Copper		Cu	7440-50-8	0.1100	0.2070
		Nickel plating	Nickel	Ni	7440-02-0	0.0003	0.0006
			Phosphorus	P	7723-14-0	0.0003	0.0006

