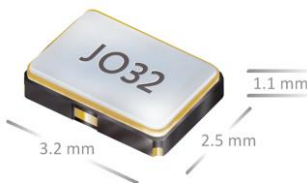


JO32 Series Material Declaration

Total Weight: 24 mg



RoHS compliant



Pb free



REACH compliant



Part	Weight of parts (mg)	Content substance			CAS No	Content (mg)	Content (wt%)
Crystal blank	0.7000	Quartz	Quartz	SiO ₂	14808-60-7	0.7000	2.9317
Electrode	1.4801	Ag-Cr	Silver	Ag	7440-22-4	1.4800	6.1986
			Chromium	Cr	7440-47-3	0.0001	0.0004
Conductive adhesive	0.0240	Silicon resin	Silicon	Si	7440-21-3	0.0040	0.0168
			Silver	Ag	7440-22-4	0.0200	0.0838
Base	15.1200	Ceramic	Aluminium oxide	Al ₂ O ₃	1344-28-1	12.1900	51.0543
			Silicon dioxide	SiO ₂	7631-86-9	0.4600	1.9266
			Chromium oxide	Cr ₂ O ₃	1308-38-9	0.0700	0.2932
			Molybdenum	Mo	7439-98-7	0.1000	0.4188
		Gold plate	Gold	Au	7440-57-5	0.3700	1.5496
		Ni	Nickel	Ni	7440-02-0	0.7900	3.3087
		Mo-W	Molybdenum	Mo	7439-98-7	0.0300	0.1256
IC	3.1322	Au Wire	Tungsten	W	7440-33-7	1.1100	4.6489
			Gold	Au	7440-57-5	2.6297	11.0136
		Si-Al	Silicon	Si	7440-21-3	0.4990	2.0898
Aluminium	Al		7429-90-5	0.0036	0.0151		
Metal Cap	3.4202	Kovar	Iron	Fe	7439-89-6	1.6500	6.9106
			Nickel	Ni	7440-02-0	0.8900	3.7275
			Cobalt	Co	7440-48-4	0.5200	2.1779
		Ni	Nickel	Ni	7440-02-0	0.1800	0.7539
			Ag-Cu	Silver	Ag	7440-22-4	0.1300
		Copper		Cu	7440-50-8	0.0500	0.2094
		Nickel plating	Nickel	Ni	7440-02-0	0.0001	0.0004
			Phosphorus	P	7723-14-0	0.0001	0.0004