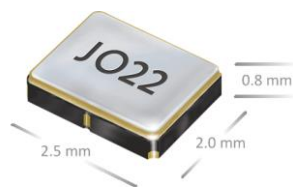


JO22 Series Material Declaration

Total Weight: 14,5 mg



Part	Weight of parts (mg)	Content substance		CAS No	Content (mg)	Content (wt%)	
Crystal blank	0.1300	Quartz	Quartz	SiO ₂	14808-60-7	0.1300	0.8985
Electrode	0.0091	Ag-Cr	Silver	Ag	7440-22-4	0.0090	0.0622
			Chromium	Cr	7440-47-3	0.0001	0.0007
Conductive adhesive	0.0220	Silicon resin	Siloxan	Siloxan	68083-19-2	0.0033	0.0228
			Silver	Ag	7440-22-4	0.0172	0.1186
			Silicon dioxide	SiO ₂	67989-52-0	0.0015	0.0106
			Aluminium oxide	Al ₂ O ₃	1344-28-1	6.0950	42.1266
Base	7.5626	Ceramic	Silicon dioxide	SiO ₂	7631-86-9	0.2300	1.5897
			Chromium oxide	Cr ₂ O ₃	1308-38-9	0.0368	0.2543
			Molybdenum	Mo	7439-98-7	0.0500	0.3456
			Gold plate	Gold	7440-57-5	0.1850	1.2787
		Ni	Nickel	7440-02-0	0.3950	2.7301	
		Mo-W	Molybdenum	Mo	7439-98-7	0.0158	0.1092
IC	2.1426	Au Wire	Gold	Au	7440-57-5	1.6400	11.3351
			Si-Al	Silicon	Si	7440-21-3	0.4990
		Aluminium	Al	7429-90-5	0.0036	0.0249	
Metal Cap	4.6020	Kovar	Iron	Fe	7439-89-6	1.1200	7.7411
			Nickel	Ni	7440-02-0	0.6500	4.4926
			Cobalt	Co	7440-48-4	1.8500	12.7866
		Gold plate	Gold	7440-57-5	0.0010	0.0069	
		AuSn	Gold	Au	7440-57-5	0.8600	5.9440
			Tin	Sn	7440-31-5	0.0800	0.5529
		Nickel plating	Nickel	Ni	7440-02-0	0.0400	0.2765
Phosphorus	P	7723-14-0	0.0010	0.0069			