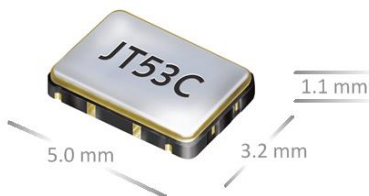


JT53C Series Material Declaration

Total Weight: 52 mg



RoHS (2011/65/EC) compliant



Part	Weight of parts (mg)	Content substance			CAS	Content (mg)	Content (wt%)
Crystal blank	1.3166	Quartz	Quartz	SiO ₂	14808-60-7	1.3166	2.5283
Electrode	0.0225	Au-Cr	Gold	Au	7440-57-5	0.0223	0.0427
			Chromium	Cr	7440-47-3	0.0002	0.0004
Conductive adhesive	0.0380	Silicon resin	Silicon	Si	7440-21-3	0.0040	0.0077
			Silver	Ag	7440-22-4	0.0340	0.0653
Base	43.89	Ceramic	Aluminium oxide	Al ₂ O ₃	1344-28-1	30.3100	58.2050
			Silicon dioxide	SiO ₂	7631-86-9	1.4800	2.8421
			Chromium oxide	Cr ₂ O ₃	1308-38-9	0.2300	0.4417
			Molybdenum	Mo	7439-98-7	0.3782	0.7262
		Gold plate	Gold	Au	7440-57-5	0.3000	0.5761
		Ni	Nickel	Ni	7440-02-0	0.6559	1.2595
		Mo-W	Molybdenum	Mo	7439-98-7	0.1418	0.2723
			Tungsten	W	7440-33-7	6.6000	12.6741
		Kovar Ring	Iron	Fe	7439-89-6	1.8300	3.5142
			Nickel	Ni	7440-02-0	1.1741	2.2547
Cobalt	Co		7440-48-4	0.7900	1.5171		
IC	0.3475	Au Wire	Gold	Au	7440-57-5	0.1707	0.3278
		Si-Al	Silicon	Si	7440-21-3	0.1760	0.3380
			Aluminium	Al	7429-90-5	0.0008	0.0015
Metal Cap	6.46	Kovar	Iron	Fe	7439-89-6	3.2700	6.2795
			Nickel	Ni	7440-02-0	1.7800	3.4182
			Cobalt	Co	7440-48-4	1.0400	1.9971
		Nickel plating	Nickel	Ni	7440-02-0	0.3300	0.6337
			Phosphorus	P	7723-14-0	0.0400	0.0768