

JT53L(V) Series Material Declaration

Total Weight: 63 mg



RoHS compliant



Pb free



REACH compliant



Part	Weight of parts (mg)	Content substance			CAS No	Content (mg)	Content (wt%)
Crystal blank	2.0200	Quartz	Quartz	SiO ₂	14808-60-7	2.0200	3.2313
Electrode	0.0402	Au-Cr	Gold	Au	7440-57-5	0.0402	0.0640
Conductive adhesive	0.0380	Silicon resin	Silicon	Si	7440-21-3	0.0040	0.0064
			Silver	Ag	7440-22-4	0.0340	0.0544
Base	49.1690	Ceramic	Aluminium oxide	Al ₂ O ₃	1344-28-1	35.4500	56.7084
			Silicon dioxide	SiO ₂	7631-86-9	1.1300	1.8076
			Chromium oxide	Cr ₂ O ₃	1308-38-9	0.1800	0.2879
			Molybdenum	Mo	7439-98-7	0.2400	0.3839
		Gold plate	Gold	Au	7440-57-5	0.9670	1.5469
		Ni	Nickel	Ni	7440-02-0	1.9400	3.1034
		Mo-W	Molybdenum	Mo	7439-98-7	0.0900	0.1440
			Tungsten	W	7440-33-7	2.7200	4.3511
		Kovar Ring	Iron	Fe	7439-89-6	3.4800	5.5669
			Nickel	Ni	7440-02-0	1.8700	2.9914
Cobalt	Co		7440-48-4	1.1020	1.7628		
IC	3.6450	Au Wire	Gold	Au	7440-57-5	1.2200	1.9516
		Si-Al	Silicon	Si	7440-21-3	2.0650	3.3033
			Aluminium	Al	7429-90-5	0.3600	0.5759
PAD	Copper	Cu	7440-50-8	0.0400	0.0640		
Metal Cap	7.6006	Kovar	Iron	Fe	7439-89-6	3.6700	5.8708
			Nickel	Ni	7440-02-0	1.9700	3.1514
			Cobalt	Co	7440-48-4	1.1600	1.8556
		Ag Filler	Nickel	Ni	7440-02-0	0.4000	0.6399
			Silver	Ag	7440-22-4	0.2900	0.4639
			Copper	Cu	7440-50-8	0.1100	0.1760
		Nickel plating	Nickel	Ni	7440-02-0	0.0003	0.0005
Phosphorus	P		7723-14-0	0.0003	0.0005		