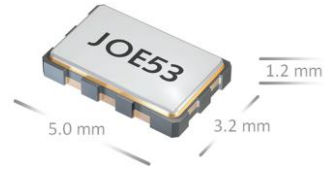


JOE53 Series Material Declaration

Total Weight: 61,09 mg
 Size: 5.0 x 3.2 x 1.2 mm



RoHS compliant



Pb free



REACH compliant



Part	Weight of parts (mg)	Content substance		CAS No	Content (mg)	Content (wt%)	
Base	52.4	Ceramic	Aluminium oxide	Al ₂ O ₃	1344-28-1	35,37	57,90
			Quartz	SiO ₂	7631-86-9	1,73	2,83
			Calcium oxide	CaO	1305-78-8	0,25	0,41
			Magnesium oxide	MgO	1309-48-4	0,23	0,38
			Chromium oxide	Cr ₂ O ₃	1308-38-9	0,27	0,44
			Molybdenum	Mo	7439-98-7	0,57	0,93
			Tungsten	W	7440-33-7	6,68	10,94
			Nickel	Ni	7440-02-0	2,17	3,55
			Cobalt	Co	7440-48-4	0,99	1,62
			Gold	Au	7440-57-5	0,30	0,49
			Iron	Fe	7439-89-6	2,44	4,00
			Silver	Ag	7440-22-4	1,19	1,95
			Copper	Cu	7440-50-8	0,21	0,34
Lid	6.65	Kovar	Iron	Fe	7439-89-6	3,59	5,88
			Nickel	Ni	7440-02-0	1,86	3,05
			Cobalt	Co	7440-48-4	1,20	1,96
Plating	0.74	Plating	Nickel	Ni	7440-02-0	0,74	1,21
Blank	0.92	Quartz Crystal	Quartz	SiO ₂	14808-60-7	0,92	1,51
Electrode	0.02	Metal	Silver	Ag	7440-22-4	0,03	0,05
Adhesive	0.06	Adhesive	Silicon	Si	7440-21-3	0,009	0,01
			Silver	Ag	7440-22-4	0,051	0,08
Au Wire	0.03	Metal	Gold	Au	7440-57-5	0,03	0,05
IC Die	0.15	IC Die	Silicon	Si	7440-21-3	0,15	0,25
Die Adhesive	0.11	Adhesive	Silver	Ag	7440-22-4	0,08	0,13
			Modified Epoxy Resin	Epoxy Resin	9003-36-5	0,01	0,02
			Epoxy resin F type	Epoxy Resin	28064-14-4	0,01	0,02
			Epoxy resin F type	Epoxy Resin	25068-38-6	0,01	0,01