

# JRO32 Series Material Declaration

Total Weight: 23.3 mg



Part	Weight of parts (mg)	Content substance		CAS No	Content (mg)	Content (wt%)	
Base	17.5	Ceramic	Aluminium oxide	Al <sub>2</sub> O <sub>3</sub>	1344-28-1	13.35	57.215
			Silicon dioxide	SiO <sub>2</sub>	14808-60-7	0.65	2.782
			Calcium oxide	CaO	1305-78-8	0.09	0.390
			Magnesium oxide	MgO	1309-48-4	0.09	0.390
			Chromium oxide	Cr <sub>2</sub> O <sub>3</sub>	1308-38-9	0.10	0.427
			Molybdenum	Mo	7439-98-7	0.20	0.855
			Tungsten	W	7440-33-7	2.02	8.640
			Nickel	Ni	7440-02-0	0.72	3.075
			Cobalt	Co	7440-48-4	0.18	0.787
			Gold	Au	7440-57-5	0.10	0.427
Lid	2.3	Metal Lid	Iron	Fe	7439-89-6	0.89	3.819
			Nickel	Ni	7440-02-0	0.66	2.832
			Cobalt	Co	7440-48-4	0.27	1.160
			Manganese	Mn	7439-96-5	0.00	0.018
			Silicon	Si	7440-21-3	0.00	0.004
			Silver	Ag	7440-22-4	0.34	1.457
			Copper	Cu	7440-50-8	0.13	0.568
Blank (Tuning Fork)	0.4	Quartz (Tuning Fork)	Silicon dioxide	SiO <sub>2</sub>	14808-60-7	0.40	1.714
Electrode	0.006	Metal	Titanium	Ti	7440-32-6	0.0001	0.001
			Palladium	Pd	7440-05-3	0.0029	0.012
			Nickel	Ni	7440-02-0	0.0001	0.001
			Gold	Au	7440-57-5	0.0029	0.012
Silver Glue	0.03	Silicon Resin	Dodecane	C <sub>12</sub> H <sub>26</sub>	112-40-3	0.0033	0.014
			Silver	Ag	7440-22-4	0.0267	0.114
Au Wire	2.6	Metal	Gold	Au	7440-57-5	2.6000	11.142
IC DIE	0.5	IC DIE	Silicon	Si	7440-21-3	0.4984	2.136
			Aluminium	Al	7429-90-5	0.0017	0.007