

# JTX310 Series Material Declaration

Total Weight: 12.4 mg



RoHS compliant



Pb free



REACH compliant



Part	Weight of parts(mg)	Material Name	Substance Name		CAS No	Content (mg)	Content (%)
Base	10	Ceramic	Aluminium oxide	Al <sub>2</sub> O <sub>3</sub>	1344-28-1	7.4	59.58
			Silicon dioxide	SiO <sub>2</sub>	14808-60-7	0.293	2.36
			Calcium oxide	CaO	1305-78-8	0.027	0.22
			Magnesium oxide	MgO	1309-48-4	0.041	0.33
			Chromium oxide	Cr <sub>2</sub> O <sub>3</sub>	1308-38-9	0.315	2.54
			Titanium dioxide	TiO <sub>2</sub>	13463-67-7	0.082	0.66
			Tungsten	W	7440-33-7	1.495	12.04
			Molybdenum	Mo	7439-98-7	0.045	0.36
			Nickel	Ni	7440-02-0	0.193	1.55
			Cobalt	Co	7440-48-4	0.058	0.47
			Gold	Au	7440-57-5	0.051	0.41
Lid	2	Kovar	Iron	Fe	7439-89-6	0.7748	6.24
			Nickel	Ni	7440-02-0	0.5746	4.63
			Cobalt	Co	7440-48-4	0.2354	1.90
			Manganese	Mn	7439-96-5	0.0036	0.03
			Silicon	Si	7440-21-3	0.0008	0.01
			Silver	Ag	7440-22-4	0.2956	2.38
			Copper	Cu	7440-50-8	0.1152	0.93
Crystal Blank	0.4	Quartz	Quartz	SiO <sub>2</sub>	14808-60-7	0.4	3.22
Electrode	0.006	Metal	Titanium	Ti	7440-32-6	0.0001428	0.00
			Palladium	Pd	7440-05-3	0.0028572	0.02
			Nickel	Ni	7440-02-0	0.0001428	0.00
			Gold	Au	7440-57-5	0.0028572	0.02
Silver Glue	0.015	Silicone resin	Dodecane	C <sub>12</sub> H <sub>26</sub>	112-40-3	0.0015	0.01
			Silicon dioxide	SiO <sub>2</sub>	7631-86-9	0.0015	0.01
			Silver	Ag	7440-22-4	0.012	0.10
<b>Total:</b>						<b>12.4</b>	<b>100</b>