

# JXG75 Series Material Declaration

Total Weight: 140 mg



RoHS compliant



Pb free



REACH  
compliant



Conflict  
mineral free



Part Name	Weight of parts (mg)	Material Name	CAS No,	Substance	Weight per Material (%)	Weight (mg)
Base	61.5	Ceramic	1344-28-1	Al <sub>2</sub> O <sub>3</sub>	85.34%	52.5
			14808-60-7	SiO <sub>2</sub>	3.38%	2.08
			1305-78-8	CaO	0.33%	0.2
			1309-48-4	MgO	0.49%	0.3
			1308-38-9	Cr <sub>2</sub> O <sub>3</sub>	3.64%	2.24
			13463-67-7	TiO <sub>2</sub>	0.94%	0.58
			7439-98-7	Mo	0.15%	0.09
			7440-33-7	W	4.75%	2.92
			7440-02-0	Ni	0.62%	0.38
			7440-48-4	Co	0.16%	0.1
			7440-57-5	Au	0.21%	0.13
Lid	65	Ceramic	1344-28-1	Al <sub>2</sub> O <sub>3</sub>	67.22%	43.7
			14808-60-7	SiO <sub>2</sub>	2.28%	1.48
			13463-67-7	TiO <sub>2</sub>	2.78%	1.81
			1308-38-9	Cr <sub>2</sub> O <sub>3</sub>	1.09%	0.71
			1313-13-9	MnO <sub>2</sub>	2.57%	1.67
			1308-06-1	Co <sub>3</sub> O <sub>4</sub>	0.22%	0.14
			1309-48-4	MgO	0.38%	0.25
			1309-37-1	Fe <sub>2</sub> O <sub>3</sub>	1.35%	0.88
			1305-78-8	CaO	0.20%	0.13
			1317-36-8	PbO	13.46%	8.75
			7783-46-2	PbF <sub>2</sub>	4.63%	3.01
			1313-96-8	Nb <sub>2</sub> O <sub>5</sub>	0.98%	0.64
			1314-13-2	ZnO	0.65%	0.42
			1317-38-0	CuO	0.28%	0.18
			1304-76-3	Bi <sub>2</sub> O <sub>3</sub>	1.26%	0.82
1303-86-2	B <sub>2</sub> O <sub>3</sub>	0.65%	0.42			
Blank	13.4	Quartz	14808-60-7	SiO <sub>2</sub>	100.00%	13.4
Electrode	0.05	Metal	7440-22-4	Ag	80.00%	0.04
			7440-47-3	Cr	20.00%	0.01
Silver Glue	0.06	Silver Silicone Resin	68083-19-2	C <sub>2</sub> H <sub>6</sub> O <sub>Si</sub>	15.00%	0.009
			7440-22-4	Ag	78.00%	0.0468
			7631-86-9	SiO <sub>2</sub>	7.00%	0.0042

\* Exemptions from RoHS: No 7 (c)-I Electrical and electronic components containing lead in glass or ceramic (e.g. piezoelectronic devices)