

# JXG53 Series Material Declaration

Total Weight: 60.0 mg



RoHS (2011/65/EC) compliant



Part	Weight of parts (mg)	Content substance	CAS No	Content (mg)	Content (%)	
Base	27.9	Ceramic	Al <sub>2</sub> O <sub>3</sub>	1344-28-1	23.620	39.367
			SiO <sub>2</sub>	14808-60-7	0.940	1.567
			CaO	1305-78-8	0.089	0.149
			MgO	1309-48-4	0.131	0.219
			Cr <sub>2</sub> O <sub>3</sub>	1308-38-9	1.010	1.683
			TiO <sub>2</sub>	13463-67-7	0.259	0.432
			Mo	7439-98-7	0.050	0.084
			W	7440-33-7	1.521	2.534
			Ni	7440-02-0	0.201	0.335
			Co	7440-48-4	0.050	0.084
			Au	7440-57-5	0.028	0.047
CAP	27.0	Ceramic	Al <sub>2</sub> O <sub>3</sub>	1344-28-1	15.674	26.123
			SiO <sub>2</sub>	14808-60-7	0.548	0.914
			TiO <sub>2</sub>	13463-67-7	0.872	1.454
			Cr <sub>2</sub> O <sub>3</sub>	1308-38-9	0.254	0.423
			MnO <sub>2</sub>	1313-13-9	0.597	0.995
			Co <sub>3</sub> O <sub>4</sub>	1308-06-1	0.049	0.081
			MgO	1309-48-4	0.089	0.149
			Fe <sub>2</sub> O <sub>3</sub>	1309-37-1	0.392	0.653
			CaO	1305-78-8	0.078	0.131
			PbO*	1317-36-8	5.198	8.663
			PbF <sub>2</sub> *	7783-46-2	1.793	2.988
			Nb <sub>2</sub> O <sub>5</sub>	1313-96-8	0.381	0.635
			ZnO	1314-13-2	0.246	0.410
			CuO	1317-38-0	0.097	0.162
			Bi <sub>2</sub> O <sub>3</sub>	1304-76-3	0.489	0.815
			B <sub>2</sub> O <sub>3</sub>	1303-86-2	0.246	0.410
			Blank	5	Quartz	SiO <sub>2</sub>
Electrode	0.04	Metal	Ag	7440-22-4	0.040	0.066
			Cr	7440-47-3	0.000	0.000
Silver Glue	0.06	Silicone resin	Si	7440-21-3	0.009	0.015
			Ag	7440-22-4	0.051	0.085
<b>TOTAL</b>	<b>60.0</b>			<b>60.0</b>	<b>100</b>	

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