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## Materials Declaration

**Company Name : Fox Electronics**  
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**Completed by Bruce Clark**

**Date : June 12, 2008**

**Product Family : 2.5x2.0mm Crystal (FX252BS)**

	Material Name	Component	Content (mg)	Content ( w t % )	(CAS Number)
Cover	Kovar	Nickel (Ni)	0.560	4.93%	7440-02-0
		Cobalt (Co)	0.330	2.91%	7440-48-4
		Iron (Fe)	1.030	9.07%	7439-89-6
	Plating	Nickel (Ni)	0.160	1.41%	7440-02-0
Base	Ceramic	Alumina (Al <sub>2</sub> O <sub>3</sub> )	4.270	37.6%	1344-28-1
		Silicon Dioxide (SiO <sub>2</sub> )	0.210	1.85%	7631-86-9
		Chromium Oxide (Cr <sub>2</sub> O <sub>3</sub> )	0.030	0.26%	1308-38-9
		Molybdenum (Mo)	0.100	0.881%	7439-98-7
	Metallization	Tungsten (W)	1.690	14.89%	7440-33-7
		Molybdenum (Mo)	0.030	0.26%	7439-98-7
	Nickel Plating	Nickel (Ni)	0.060	0.53%	7440-02-0
		Cobalt (Co)	0.015	0.13%	7440-48-4
	Gold Plating	Gold (Au)	0.080	0.705%	7440-57-5
	Seal ring	Iron (Fe)	0.860	7.58%	7439-89-6
		Nickel (Ni)	0.620	5.46%	7440-02-0
		Cobalt (Co)	0.330	2.91%	7440-48-4
	Silver solder	Silver (Ag)	0.520	4.58%	7440-22-4
		Copper (Cu)	0.090	0.793%	7440-50-8
Crystal	Crystal	Quartz (SiO <sub>2</sub> )	0.3400	3.00%	14808-60-7
	Electrode	Gold (Au)	0.009	0.0793%	7440-57-5
		Chromium (Cr)	0.0001	0.000881%	7440-47-3
	Adhesive	Silver (Ag)	0.015	0.135666%	7440-22-4
		Silicon (Si)	0.002	0.016738%	7440-21-3
<b>TOTAL</b>			<b>11.3514</b>	<b>100.00%</b>	