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## Materials Declaration

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

**Date : August 31, 2005**

**Product Family : HC49S Crvstal**

	Material Name	Component	Content (mg)	Content ( w t % )	(CAS Number)
Cover	C7521R-0	Nickel (Ni)	26.0000	4.3378%	7440-02-0
		Copper (Cu)	99.0000	16.5169%	7440-50-8
		Iron (Fe)	0.4000	0.0667%	7439-89-6
		Zinc (Zn)	33.0000	5.5056%	7440-66-6
		Manganese (Mn)	1.0000	0.1668%	7439-96-5
Base	SPCC  + Kovar leads  + solder plating	Iron (Fe)	306.9000	51.2025%	7439-89-6
		Silicon (Si)	3.0000	0.5005%	7440-21-3
		Carbon C	0.0868	0.0145%	7440-44-0
		Iron (Fe)	32.1064	5.3566%	7439-89-6
		Nickel (Ni)	17.5507	2.9281%	7440-02-0
		Cobalt (Co)	10.2430	1.7089%	7440-48-4
		Tin (Sn)	0.0630	0.0105%	7440-31-5
		Lead (Pb)	0.0370	0.0062%	7439-92-1
	C7701-R Crystal mount  + glass	Copper (Cu)	5.6600	0.9443%	7440-50-8
		Nickel (Ni)	1.7650	0.2945%	7440-02-0
		Manganese (Mn)	0.0090	0.0015%	7439-96-5
		Iron (Fe)	0.0020	0.0003%	7439-89-6
		Zinc (Zn)	2.5620	0.4274%	7440-66-6
Crystal	Crystal	Silicon Dioxide (SiO <sub>2</sub> )	30.0000	5.0051%	14808-60-7
	Electrode	Silver (Ag)	6.0000	1.0010%	7440-22-4
	Adhesive	Silver (Ag)	10.5000	1.7518%	7440-22-4
		Ethylene glycol monobutyl ether acetate	0.7000	0.1168%	112-07-2
		Diethylene glycol monomethyl ether acetate	0.7000	0.1168%	629-38-9
		Epoxy Resin	2.1000	0.35036%	129915-35-1
	<b>TOTAL</b>			<b>599.384900</b>	<b>100.000%</b>