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Materials Declaration

Company Name : Fox Electronics
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Completed by Bruce Clark

Date : August 31, 2005

Product Family : HC49SD Crvstal

	Material Name	Component	Content (mg)	Content (w t %)	(CAS Number)	
Cover	C7521R-0	Nickel (Ni)	26.0000	4.0038%	7440-02-0	
		Copper (Cu)	99.0000	15.2452%	7440-50-8	
		Iron (Fe)	0.4000	0.0616%	7439-89-6	
		Zinc (Zn)	33.0000	5.0817%	7440-66-6	
		Manganese (Mn)	1.0000	0.1540%	7439-96-5	
Base	SPCC	Iron (Fe)	306.9000	47.2601%	7439-89-6	
		Silicon (Si)	3.0000	0.4620%	7440-21-3	
		Carbon C	0.0868	0.0134%	7440-44-0	
	+ Kovar leads	Iron (Fe)	32.1064	4.9441%	7439-89-6	
		Nickel (Ni)	17.5507	2.7027%	7440-02-0	
		Cobalt (Co)	10.2430	1.5773%	7440-48-4	
		Tin (Sn)	0.0630	0.0097%	7440-31-5	
	+ solder plating	Lead (Pb)	0.0370	0.0057%	7439-92-1	
		C7701-R Crystal mount	Copper (Cu)	5.6600	0.8716%	7440-50-8
			Nickel (Ni)	1.7650	0.2718%	7440-02-0
	Manganese (Mn)		0.0090	0.0014%	7439-96-5	
	Iron (Fe)		0.0020	0.0003%	7439-89-6	
	Zinc (Zn)		2.5620	0.3945%	7440-66-6	
+ glass	Glass Frits	10.0000	1.5399%	65997-18-4		
Crystal	Crystal	Silicon Dioxide (SiO ₂)	30.0000	4.6198%	14808-60-7	
	Electrode	Silver (Ag)	6.0000	0.9240%	7440-22-4	
		Adhesive	Silver (Ag)	10.5000	1.6169%	7440-22-4
	Ethylene glycol monobutyl ether acetate		0.7000	0.1078%	112-07-2	
	Diethylene glycol monomethyl ether acetate		0.7000	0.1078%	629-38-9	
	Epoxy Resin		2.1000	0.32338%	129915-35-1	
Spacer	PPS	Polyphenol Sulfide Resin	50.0000	7.700%		
TOTAL			649.384900	100.000%		