

## Materials Declaration

Company Name : Fox Electronics

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Completed by Bruce Clark

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Product Family : 3.7x8.7x2.5mm Plastic Package Crvstal (FSR)

	Material Name	Component	Content (mg)	Content ( w t % )	(CAS Number)
Cover	Nickel Silver	Nickel (Ni)	5.80	4.8366%	7440-02-0
		Copper (Cu)	20.60	17.1783%	7440-50-8
		Manganese (Mn)	0.10	0.0834%	7439-96-5
		Zinc (Zn)	5.70	4.7532%	7440-66-6
	Nickel Plating	Nickel (Ni)	3.80	3.1688%	7440-02-0
Base	Alloy 42	Iron (Fe)	2.50	2.0847%	7439-89-6
		Nickel (Ni)	1.80	1.5010%	7440-02-0
	Glass	Silicon Dioxide (SiO <sub>2</sub> )	3.00	2.5017%	7631-46-1
	Kovar	Iron (Fe)	0.80	0.6671%	7439-89-6
		Nickel (Ni)	0.40	0.3336%	7440-02-0
		Cobalt (Co)	0.30	0.2502%	7440-48-4
	Copper Plating	Copper (Cu)	0.10	0.0834%	7440-50-8
	Solder Plating	Tin (Sn)	0.09	0.0751%	7440-44-0
Lead (Pb)		0.81	0.6755%	7439-92-1	
Plastic Mold	Epoxy Resin	Silica Fused	45.50	37.94228%	60676-86-0
		Epoxy, cresol novolac	10.90	9.08947%	29690-82-2
		Phenol novolac	3.00	2.50169%	9003-35-4
		Antimony Trioxide (Sb <sub>2</sub> O <sub>3</sub> )	1.20	1.00068%	1309-64-4
Leadframe	Alloy 42	Iron (Fe)	4.6000	3.835923%	7439-89-6
		Nickel (Ni)	3.300	2.75%	7440-02-0
	Solder Plating	Tin (Sn)	4.463	3.722%	7440-31-5
		Lead (Pb)	0.4960	0.413613%	7439-92-1
Crystal	Crystal	Silicon Dioxide (SiO <sub>2</sub> )	0.33	0.28%	14464-46-1
	Electrode	Silver (Ag)	0.060	0.0500%	7440-22-4
		Gold (Au)	0.250	0.2085%	7440-57-5
		Chromium (Cr)	0.020	0.0167%	7440-47-3
<b>TOTAL</b>			<b>119.92</b>	<b>100.00%</b>	