

## Materials Declaration

**Company Name : Fox Electronics**  
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**Completed by Bruce Clark**  
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**Product Family : Ceramic 5x3.2mm TCXO (FOX914/924 type)**

	Material Name	Component	Content (mg)	Content ( wt %)	(CAS#)
Cover	Kovar	Nickel (Ni)	2.781	4.81%	7440-02-0
		Cobalt (Co)	1.603	2.77%	7440-48-4
		Iron (Fe)	5.043	8.71%	7439-89-6
Ceramic Base	Ceramic	Alumina (Al <sub>2</sub> O <sub>3</sub> )	22.934	39.6%	1344-28-1
		Silicon Dioxide (SiO <sub>2</sub> )	1.206	2.08%	7631-86-9
		Manganese (Mn)	0.031	0.05%	7439-96-5
	Metallization	Tungsten (W)	7.267	12.56%	7440-33-7
		Molybdenum (Mo)	0.225	0.39%	7439-98-7
		Nickel (Ni)	1.542	2.66%	7440-02-0
		Cobalt (Co)	0.862	1.49%	7440-48-4
		Gold (Au)	0.337	0.58%	7440-57-5
	Seal ring	Iron (Fe)	5.921	10.23%	7439-89-6
		Nickel (Ni)	2.314	4.00%	7440-02-0
		Cobalt (Co)	1.293	2.23%	7440-48-4
	Brazing material	Silver (Ag)	0.765	1.32%	7440-22-4
		Copper (Cu)	0.297	0.51%	7440-50-8
H/IC	IC	Aluminum (Al)	0.002500	0.004%	7429-90-5
		Silicon (Si)	0.750	1.30%	7440-21-3
	Wirebond	Gold (Au)	0.0868	0.15%	7440-57-5
	Die bond Paste	Dipropylene Glycol Methyl Ether	0.0347	0.06%	34590-94-8
		Bisphenol F Epoxy resin	0.0564	0.10%	54208-63-8
		Silver (Ag)	0.3428	0.59%	7440-22-4
Crystal	Quartz	Silicon Dioxide (SiO <sub>2</sub> )	1.413	2.44%	14808-60-7
	Electrode	Gold (Au)	0.211	0.36%	7440-57-5
	Adhesive	Silver (Ag)	0.5009	0.87%	7440-22-4
		Silicon	0.0507	0.09%	7440-21-3
<b>TOTAL</b>			<b>57.870</b>	<b>100.00%</b>	