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Materials Declaration

Company Name : Fox Electronics

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Completed by Bruce Clark

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Product Family : 4x10x3.5mm Plastic Package Crvstal (FSMLE)

	Material Name	Component	Content (mg)	Content (w t %)	(CAS Number)
Cover	Nickel Silver	Nickel (Ni)	5.80	2.880%	7440-02-0
		Copper (Cu)	20.60	10.229%	7440-50-8
		Manganese (Mn)	0.10	0.050%	7439-96-5
		Zinc (Zn)	5.70	2.830%	7440-66-6
	Nickel Plating	Nickel (Ni)	3.80	1.887%	7440-02-0
Base	Alloy 42	Iron (Fe)	2.50	1.241%	7439-89-6
		Nickel (Ni)	1.80	0.894%	7440-02-0
	Glass	Silicon Dioxide (SiO ₂)	3.00	1.490%	7631-46-1
	Kovar	Iron (Fe)	0.80	0.397%	7439-89-6
		Nickel (Ni)	0.40	0.199%	7440-02-0
		Cobalt (Co)	0.30	0.149%	7440-48-4
	Copper Plating	Copper (Cu)	0.10	0.050%	7440-50-8
	Solder Plating	Tin (Sn)	0.09	0.045%	7440-31-5
		Lead (Pb)	0.81	0.402%	7439-92-1
Plastic Mold	Epoxy Resin	Silica Fused	88.43	43.912%	60676-86-0
		Epoxy, cresol novolac	25.63	12.728%	29690-82-2
		Phenol novolac	9.61	4.772%	9003-35-4
		Carbon Black	0.26	0.127%	1333-86-4
		Brominated Epoxy Resin	1.67	0.829%	40039-93-8
		Antimony Trioxide (Sb ₂ O ₃)	2.57	1.274%	1309-64-4
Leadframe	Alloy 42	Iron (Fe)	8.70	4.320%	7439-89-6
		Nickel (Ni)	6.30	3.128%	7440-02-0
	Termination Plating	Matte Tin (Sn)	11.84	5.880%	7440-31-5
Crystal	Crystal	Silicon Dioxide (SiO ₂)	0.566	0.281%	14808-60-7
	Electrode	Silver (Ag)	0.005	0.002%	7440-22-4
		Gold (Au)	0.008	0.004%	7440-57-5
		Chromium (Cr)	0.001	0.000%	7440-47-3
TOTAL			201.4	100.00%	