


Material Data Declaration Sheet				ECS INC. INTERNATIONAL					
ECS Model	ECS-31X (-13X Package Type)								
Description	Crystal								
Total Weight	46.457 mg/pc								
Contact Information	Company	ECS INC. INTERNATIONAL							
	Contact Name	AJ Anderson							
	Address	1105 S. Ridgeview Olathe KS 66062							
	Phone Number	913-782-7787							
Component	Material	Weight(mg)	Substance	CAS #	Weight(mg)	PPM	Weight(%)		
CAP	C7521R PLATING		26.338	Cu	7440-50-8	13.658	293992	29.40	
				Ni	7440-02-0	3.713	79930	7.99	
				Zn	7440-66-6	3.938	84777	8.48	
				Mn	7439-96-5	0.028	597	0.06	
				Fe	7439-89-6	0.002	46	0.00	
				Ni	7440-02-0	4.999	107605	10.76	
ENCLOSURE	HEADER	42Ni	15.804	Fe	7439-89-6	3.550	76410	7.64	
				Ni	7440-02-0	2.505	53923	5.39	
				Co	7440-48-4	0.031	658	0.07	
				Mn	7439-96-5	0.024	526	0.05	
								0	
	GLASS	SiO2			14808-60-7	2.750	59195	5.92	
	TERMINAL	KV			Fe	7439-89-6	1.898	40850	4.09
					Ni	7440-02-0	1.021	21973	2.20
					Co	7440-48-4	0.598	12881	1.29
					Mn	7439-96-5	0.002	38	0.00
Si					7440-21-3	0.001	15	0.00	
PLATING	Ni,Sn-Cu			Sn	7440-31-5	2.696	58032	5.80	
				Ni	7440-02-0	0.645	13884	1.39	
				Cu	7440-50-8	0.083	1787	0.18	
BLANK	SiO2 ELECTRODE		2.392		14808-60-7	2.361	50821	5.08	
				Ag	7440-22-4	0.031	667	0.07	
SOLDER	Sn-Ag		1.923				0		
				Sn	7440-31-5	1.827	39327	3.93	
				Ag	7440-22-4	0.096	2066	0.21	
TOTAL			46.457			46.457		100.00	