

Material Data Declaration Sheet				ECS INC. INTERNATIONAL			
ECS Model	ECX-3SX (-7SX Package Type)						
Description	Crystal						
Total Weight	322.399 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 number	Weight(mg)	PPM	
CAP	Nickel Silver	97.879	Cu	7440-50-8	59.878	185726	
			Zn	7440-66-6	20.219	62714	
			Ni	7440-02-0	16.950	52575	
			Fe	7439-89-6	0.267	828	
			Mn	7439-96-5	0.565	1752	
	Plating	7.497	Ni	7440-02-0	7.497	23254	
BASE	Header	16.489	Fe	7439-89-6	9.564	29665	
			Ni	7440-02-0	6.761	20971	
			Mn	7439-96-5	0.066	205	
			Cr	7440-47-3	0.016	50	
			Co	7440-48-4	0.082	254	
	Glass	10.766	SiO2	14808-60-7	6.988	21675	
			B2O3	1303-86-2	2.150	6669	
			Al2O3	1344-28-1	0.660	2047	
			Na2O	1313-59-3	0.645	2001	
			BaO	1304-28-5	0.323	1002	
	Terminal	6.798	Fe	7439-89-6	3.666	11371	
			Ni	7440-02-0	1.972	6117	
			Co	7440-48-4	1.156	3586	
			Mn	7439-96-5	0.003	9	
Si			7440-21-3	0.001	3		
Solder	6.597	Ni	7440-02-0	0.702	2177		
		Pb	7439-92-1	5.312	16476		
		Sn	7440-31-5	0.583	1808		
BLANK	Crystal	3.030	SiO2	14808-60-7	3.030	9398	
	Electrode	0.054	Ag	7440-22-4	0.050	155	
Cr			7440-47-3	0.004	12		
						0	
SOLDER	Solder	2.639	Pb	7439-92-1	2.375	7367	
			Sn	7440-31-5	0.211	654	
			Ag	7440-22-4	0.053	164	
LEAD FRAME	Cu Alloy	44.100	Cu	7440-50-8	29.106	90279	
			Zn	7440-66-6	14.994	46508	
	Plating	4.050	Sn	7440-31-5	4.050	12562	
MOLD RESIN	Resin	122.500	C6H4(COOH)2	132699-78-6	122.500	379964	
TOTAL		322.399			322.399	1000000	