

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	15351 W. 109th Street					
		Lenexa, KS 66219					
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	611755	
			Zn	7440-66-6	20.219	206571	
			Ni	7440-02-0	16.950	173173	
			Fe	7439-89-6	0.267	2728	
			Mn	7439-96-5	0.565	5772	
	Plating	7.497	Ni	7440-02-0	7.497	1000000	
BASE	Header	16.489	Fe	7439-89-6	9.564	580023	
			Ni	7440-02-0	6.761	410031	
			Mn	7439-96-5	0.066	4003	
			Cr	7440-47-3	0.016	970	
Co			7440-48-4	0.082	4973		
	Glass	10.766	SiO2	14808-60-7	6.988	649080	
			Al2O3	1344-28-1	2.810	261007	
			Na2O	1313-59-3	0.645	59911	
			BaO	1304-28-5	0.323	30002	
	Terminal	6.798	Fe	7439-89-6	3.666	539276	
			Ni	7440-02-0	1.972	290085	
			Co	7440-48-4	1.156	170050	
			Mn	7439-96-5	0.003	441	
			Si	7440-21-3	0.001	147	
	Solder	6.597	Pb	7439-92-1	5.937	899955	
			Sn	7440-31-5	0.527	79885	
			Ag	7440-22-4	0.133	20161	
BLANK	Crystal	3.030	SiO2	14808-60-7	3.030	1000000	
	Electrode	0.054	Ag	7440-22-4	0.050	925926	
Cr			7440-47-3	0.004	74074		
SOLDER	Solder	2.639	Pb	7439-92-1	2.375	899962	
			Sn	7440-31-5	0.211	79955	
			Ag	7440-22-4	0.053	20083	
LEAD FRAME	Cu Alloy	44.100	Cu	7440-50-8	29.106	660000	
			Zn	7440-66-6	14.994	340000	
	Plating	4.050	Sn	7440-31-5	4.050	1000000	
MOLD RESIN	Resin	122.500	C6H4(COOH)2	132699-78-6	122.500	1000000	
TOTAL		322.399			322.399		