Material Data Declaration Sheet

ECS INC. INTERNATIONAL

ECS Model Number	CSM-3X (-3X Package Type)	
Product Description	SMD Crystal, Pb Free RoHS Compliant	
Product Revision		
Product Total Weight	153.3mg/pcs	
Contact Information	Company	ECS Inc. International
	Contact Name	AJ Anderson
	Address	15351 W. 109th Street
		Lenexa, Kansas 66219
	Phone Number	(913) 782-7787

Homogenous Component/Subcomponent	Homogenous Component/Sub component Weight (mg)	Substance	CAS number	Substance Weight (mg)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	Purpose/Location
Base	86.500	Fe	7439-89-6	76.985	890000	Base
		Cu	7440-50-8	1.480	17110	Pin
		Zn	7440-66-6	0.637	7364	Pin
		Ni	7440-02-0	3.414	39468	Pin
		Si02	14808-60-7	1.707	19734	Glass
		Co	7440-48-4	2.049	23688	Pin
		Sn	7440-31-5	0.228	2636	Pin
Cover	49.500	Cu	7440-50-8	32.617	658929	Alloy
		Zn	7440-66-6	6.766	136687	Alloy
		Ni	7440-02-0	9.683	195616	Alloy
		Mn	7439-96-5	0.248	5010	Alloy
		Fe	7439-89-6	0.186	3758	Alloy
Blank	1.500	Silica SiO2	14808-60-7	1.500	1000000	Quartz crystal
Silver	0.300	Silver Ag	7440-22-4	0.300	1000000	Electrode
Epoxy	2.000	Silver Ag	7440-22-4	1.200	600000	Connect
		Epoxy Resin	61788-97-4	0.800	400000	Support
Insulator Tab	13.500	PPS	26125-40-6	13.500	1000000	Insulator