

**Material Data Declaration Sheet**

**ECS INC. INTERNATIONAL**

ECS Model Number	CSM-3X (-3X)	
Product Description	SMD Crystal, Pb Free RoHS Compliant	
Product Revision		
Product Total Weight	0.1533g/pcs	
Contact Information	Company	ECS INC.
	Contact Name	AJ Anderson
	Address	1105 S. Ridgeview, Olathe KS 66062 USA
	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	502185	Base
		Cu	7440-50-8	1.480	9654	Pin
		Zn	7440-66-6	0.637	4155	Pin
		Ni	7440-02-0	3.414	22270	Pin
		SiO2	14808-60-7	1.707	11135	Glass
		Co	7440-48-4	2.049	13366	Pin
		Sn	7440-31-5	0.228	1487	Pin
Cover	49.500	Cu	7440-50-8	32.617	212766	Alloy
		Zn	7440-66-6	6.766	44136	Alloy
		Ni	7440-02-0	9.683	63164	Alloy
		Mn	7439-96-5	0.248	1618	Alloy
		Fe	7439-89-6	0.186	1213	Alloy
Blank	1.500	Silica SiO2	14808-60-7	1.500	9785	Quartz crystal
Silver	0.300	Silver Ag	7440-22-4	0.300	1957	Electrode
Epoxy	2.000	Silver Ag	7440-22-4	1.200	7828	Connect
		Epoxy Resin	61788-97-4	0.800	5219	Support
Insulator Tab	13.500	PPS	25776-72-1	13.500	88063	Insulator