Material Data Declaration Sheet

ECS INC. INTERNATIONAL

ECS Model Number	CSM-7X-3L (-5G3X Package Type)	
Product Description	SMD Crystal, Pb Free RoHS Compliant	
Product Revision		
Product Total Weight	0.58319g/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 (g)	Substance	CAS number	Substance Weight (g)	PPM Level	Purpose/Location
Base	0.363990	Fe	7439-89-6	0.300880	826616	Base
		Cu	7440-50-8	0.000900	2473	Pin
		Zn	7440-66-6	0.002650	7280	Pin
		Ni	7440-02-0	0.006630	18215	Pin
		Fe	7439-89-6	0.018090	49699	Pin
		Si02	14808-60-7	0.0168	46155	Glass
		Al203	1344-28-1	0.001090	2995	Glass
		Na20	12401-86-4	0.001130	3104	Glass
		K20	12136-45-7	0.000410	1126	Glass
		Ni	7440-02-0	0.000300	824	Lead
		Co	7440-48-4	0.008530	23435	Lead
		Ni	7440-02-0	0.002460	6758	Pin
		Sn	7440-31-5	0.004120	11319	Pin
Cover	0.16736	Cu	7440-50-8	0.113070	675609	Alloy
		Zn	7440-66-6	0.02413	144180	Alloy
		Ni	7440-02-0	0.028960	173040	Alloy
		Mn	7439-96-5	0.000700	4183	Alloy
		Fe	7439-89-6	0.000500	2988	Alloy
Blank	0.007	Silica SiO2	14808-60-7	0.007000	1000000	Quartz crystal
Silver	0.0005	Silver Ag	7440-22-4	0.000500	1000000	Electrode
Epoxy	0.00461	Silver Ag	7440-22-4	0.00273	592191	Connect
		Silicone Resin	7440-21-3	0.00188	407809	Support
Insulator Tab	0.03973	PPS	15471-17-7	0.03973	1000000	Insulator