

Material Data Declaration Sheet

ECS INC. INTERNATIONAL



ECS Model Number		CSM-7X-3L (-5G3X)					
Product Description		SMD Crystal, Pb Free RoHS Compliant					
Product Revision							
Product Total Weight		0.58319g/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/Subcomponent Weight (g)	Substance	CAS number	Substance Weight (g)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	PPM Level Availability Date (If Not Available)	Purpose/Location
Base	0.363990	Fe	7439-89-6	0.300880	515921		Base
		Cu	7440-50-8	0.000900	1543		Pin
		Zn	7440-66-6	0.002650	4544		Pin
		Ni	7440-02-0	0.006630	11369		Pin
		Fe	7439-89-6	0.018090	31019		Pin
		SiO2	14808-60-7	0.0168	28807		Glass
		Al2O3	1344-28-1	0.001090	1869		Glass
		Na2O	12401-86-4	0.001130	1938		Glass
		K2O	12136-45-7	0.000410	703		Glass
		Ni	7440-02-0	0.000300	514		Lead
		Co	7440-48-4	0.008530	14626		Lead
		Ni	7440-02-0	0.002460	4218		Pin
		Sn	7440-31-5	0.004120	7065		Pin
		Cover	0.16736	Cu	7440-50-8	0.113070	193882
Zn	7440-66-6			0.02413	41376		Alloy
Ni	7440-02-0			0.028960	49658		Alloy
Mn	7439-96-5			0.000700	1200		Alloy
Blank	0.007	Fe	7439-89-6	0.000500	857		Alloy
		SiO2	14808-60-7	0.007000	12003		Quartz crystal
Silver	0.0005	Silver Ag	7440-22-4	0.000500	857		Electrode
Epoxy	0.00461	Silver Ag	7440-22-4	0.00273	4681		Connect
		Silicone Resin	7440-21-3	0.00188	3224		Support
Insulator Tab	0.03973	PPS	15471-17-7	0.03973	68125		Insulator