Material Data Declaration Sheet

ECS INC. INTERNATIONAL

ECS Model	HC-49USSX 2.6mm Height (-4VX Package Type)	
Product Description	Crystal	
Product Total Weight	0.55107g/pcs	
Contact Information	Company	ECS INC. INTERNATIONAL
	Contact Name	AJ Anderson
	Address	15351 W. 109th Street
		Lenexa, KS 66219
	Phone Number	913-782-7787

Homogenous Component/Subcomponent	Homogenous Component/Sub component Weight (g)	Substance	CAS number	Substance Weight (g)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	Purpose/Location
Base	0.3731	Fe	7439-89-6	0.297260	796730	BASE
		C	7440-44-0	0.000150	402	BASE
		Si	7440-21-3	0.000030	80	BASE
		Mn	7439-96-5	0.000510	1367	BASE
		S	7704-34-9	0.000060	161	BASE
		Fe	7439-89-6	0.019790	53042	WIRE
		Ni	7440-02-0	0.010740	28786	WIRE
		Co	7440-48-4	0.006330	16966	WIRE
		Si	7440-21-3	0.000040	107	WIRE
		Mn	7439-96-5	0.000090	241	WIRE
		Cu	7440-50-8	0.010420	27928	PIN
		Zn	7440-66-6	0.004870	13053	PIN
		Ni	7440-02-0	0.003360	9006	PIN
		Ni	7440-02-0	0.000350	938	PIN
		Sn	7440-31-5	0.000410	1099	PIN
		Si02	14808-60-7	0.016020	42938	GLASS
		Al203	1344-28-1	0.001090	2921	GLASS
		Na20	12401-86-4	0.001130	3029	GLASS
		K20	12136-45-7	0.000410	1099	GLASS
Cover	0.16751	Cu	7440-50-8	0.108440	647364	Alloy
		Zn	7440-66-6	0.024960	149006	Alloy
		Ni	7440-02-0	0.032870	196227	Alloy
		Mn	7439-96-5	0.000760	4537	Alloy
		Fe	7439-89-6	0.000480	2866	Alloy
Blank	0.006	Silica SiO2	14808-60-7	0.006000	1000000	Quartz crystal
Silver	0.0028	Silver Ag	7440-22-4	0.002800	1000000	Electrode
Epoxy	0.0017	Silver Ag	7440-22-4	0.001360	800000	Connect
		Silicone Resin	67763-03-5	0.000340	200000	Connect