

Material Data Declaration Sheet

ECS INC. INTERNATIONAL



ECS Model		HC-49USX (-4X)				
Product Description		Crystal				
Product Total Weight		0.55756g/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/Subcomponent Weight (g)	Substance	CAS number	Substance Weight (g)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	Purpose/Location
Base	0.373060	Fe	7439-89-6	0.297260	796816	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	53048	WIRE
		Ni	7440-02-0	0.010740	28789	WIRE
		Co	7440-48-4	0.006330	16968	WIRE
		Si	7440-21-3	0.000040	107	WIRE
		Mn	7439-96-5	0.000090	241	WIRE
		Cu	7440-50-8	0.010420	27931	PIN
		Zn	7440-66-6	0.004870	13054	PIN
		Ni	7440-02-0	0.003710	9945	PIN
		Sn	7440-31-5	0.000410	1099	PIN
		SiO2	14808-60-7	0.016020	42942	GLASS
		Al2O3	1344-28-1	0.001090	2922	GLASS
Na2O	12401-86-4	0.001130	3029	GLASS		
K2O	12136-45-7	0.000410	1099	GLASS		
Cover	0.174000	Cu	7440-50-8	0.114840	660000	Alloy
		Zn	7440-66-6	0.023840	137011	Alloy
		Ni	7440-02-0	0.033930	195000	Alloy
		Mn	7439-96-5	0.000870	5000	Alloy
		Fe	7439-89-6	0.000520	2989	Alloy
Blank	0.006000	Silica SiO2	14808-60-7	0.006000	1000000	Quartz crystal
Silver	0.002800	Silver Ag	7440-22-4	0.002800	1000000	Electrode
Epoxy	0.001700	Silver Ag	7440-22-4	0.001360	800000	Connect
		Silicone Resin	67763-03-5	0.000340	200000	Connect