

Material Data Declaration Sheet

ECS INC. INTERNATIONAL

ECS Model	HC-49USSX (-4VX)
Product Description	Crystal
Product Total Weight	0.55756g/pcs



Contact Information	Company	ECS INC. INTERNATIONAL
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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	0.3731	Fe	7439-89-6	0.297260	533144	BASE
		C	7440-44-0	0.000150	269	BASE
		Si	7440-21-3	0.000030	54	BASE
		Mn	7439-96-5	0.000510	915	BASE
		S	7704-34-9	0.000060	108	BASE
		Fe	7439-89-6	0.019790	35494	WIRE
		Ni	7440-02-0	0.010740	19263	WIRE
		Co	7440-48-4	0.006330	11353	WIRE
		Si	7440-21-3	0.000040	72	WIRE
		Mn	7439-96-5	0.000090	161	WIRE
		Cu	7440-50-8	0.010420	18689	PIN
		Zn	7440-66-6	0.004870	8734	PIN
		Ni	7440-02-0	0.003360	6026	PIN
		Ni	7440-02-0	0.000350	628	PIN
		Sn	7440-31-5	0.000410	735	PIN
		SiO2	14808-60-7	0.016020	28732	GLASS
		Al2O3	1344-28-1	0.001090	1955	GLASS
		Na2O	12401-86-4	0.001130	2027	GLASS
K2O	12136-45-7	0.000410	735	GLASS		
Cover	0.174	Cu	7440-50-8	0.114840	205969	Alloy
		Zn	7440-66-6	0.023840	42758	Alloy
		Ni	7440-02-0	0.033930	60854	Alloy
		Mn	7439-96-5	0.000870	1560	Alloy
		Fe	7439-89-6	0.000520	933	Alloy
Blank	0.006	Silica SiO2	14808-60-7	0.006000	10761	Quartz crystal
Silver	0.0028	Silver Ag	7440-22-4	0.002800	5022	Electrode
Epoxy	0.0017	Silver Ag	7440-22-4	0.001360	2439	Connect
		Silicone Resin	7440-21-3	0.000340	610	Connect