

Material Data Declaration Sheet

ECS INC. INTERNATIONAL

ECS Model Number	ECX-71 (-38 Package Type)	Exemption 7(a) Lead in high melting
Product Description	SMD Crystal	temp type solders.
Product Revision		
Product Total Weight	28.3441mg/pcs	



Contact Information	Company	ECS INC. INTERNATIONAL
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Homogenous Component/Subcomponent	Homogenous Component/Sub component Weight (mg)	Substance	CAS number	Substance Weight (mg)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	Purpose/Location
Crystal Element	0.3320	Silica cristobalite	14808-60-7	0.3320	11713	Quartz Crystal
Electrode	0.009	Gold	7440-57-5	0.0080	282	Electrode
		Chromium	7440-47-3	0.0010	35	Electrode
Protection Membrane	0.0001	Silica amorphous	7631-86-9	0.0001	4	Membrane
Plug	2.8	Glass	60676-86-0	0.6000	21168	Glass
		Iron	7439-89-6	0.3000	10584	Lead
		Nickel	7440-02-0	0.2000	7056	Lead
		Cobalt	7440-48-4	0.1000	3528	Lead
		Iron	7439-89-6	0.9000	31753	Ring
		Nickel	7440-02-0	0.6000	21168	Ring
		Copper	7440-50-8	0.1000	3528	Plating
Plug Solder	0.5	Lead	7439-92-1	0.4500	15876	Solder
		Tin	7440-31-5	0.0500	1764	Solder
Case	11.003	Copper	7440-50-8	6.7000	236381	Case
		Nickel	7440-02-0	1.9000	67033	Case
		Zinc	7440-66-6	1.9000	67033	Case
		Manganese	7439-96-5	0.0030	106	Case
		Nickel	7440-02-0	0.5000	17640	Plating
Lead Frame	2.2	Iron	7439-89-6	0.8000	28225	Lead
		Nickel	7440-02-0	0.6000	21168	Lead
		Tin	7440-31-5	0.8000	28225	Plating
Mold Resin	11.5	Silica	60676-86-0	10.2000	359863	Mold
		Epoxy resin	25068-38-6	0.7000	24696	Mold
		Phenol resin	9003-35-4	0.5000	17640	Mold
		Carbon black	1333-86-4	0.1000	3528	Mold