

# Material Data Declaration Sheet

# ECS INC. INTERNATIONAL

ECS Model ECX-64A (-23A)

Product Description 3.5 x 6 SMD Crystal, Pb Free/RoHS Compliant

Part Number

Product Total Weight 0.104g/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
6035 PKG	0.0530	Alumina-Al <sub>2</sub> O <sub>3</sub>	1344-28-1	0.036464	350615	Ceramic
		Silica-Sio <sub>2</sub>	14808-60-7	0.002120	20385	Ceramic
		Molybdenum-Mo	7439-98-7	0.000318	3058	Ceramic
		Titanium oxide-TiO	13463-67-7	0.000053	510	Ceramic
		Magnesia-MgO	1309-48-4	0.000424	4077	Ceramic
		Calcia-CaO	7440-70-2	0.000371	3567	Ceramic
		Tungsten-W	7440-33-7	0.002862	27519	Electric conductor
		Molybdenum-Mo	7439-98-7	0.000106	1019	Electric conductor
		Silver-Ag	7440-22-4	0.001060	10192	Brazing material
		Copper-Cu	7440-50-8	0.000424	4077	Brazing material
		Iron-Fe	7439-89-6	0.004134	39750	Kovar ring
		Nickel-Ni	7440-02-0	0.002226	21404	Kovar ring
		Cobalt-Co	7440-48-4	0.001325	12740	Kovar ring
		Nickel-Ni	7440-02-0	0.000689	6625	Ni plating
		Cobalt-Co	7440-48-4	0.000265	2548	Ni plating
Gold-Au	7440-57-5	0.000159	1529	Au plating		
LID	0.03	Iron	7439-89-6	0.015969	153548	Alloy
		Nickel	7440-02-0	0.008847	85067	Alloy
		Cobalt	7440-48-4	0.005028	48346	Alloy
		Mn	7439-96-5	0.000117	1125	Alloy
		Silicone Si	7440-21-3	0.000024	231	Alloy
		Copper Cu	7440-50-8	0.000015	144	Alloy
Blank	0.003	Silica SiO <sub>2</sub>	14808-60-7	0.003	28846	Quartz crystal
Silver	0.013	Silver Ag	7440-22-4	0.012999610	124996	Electrode
		Copper Cu	7440-50-8	0.000000390	4	Electrode
Epoxy	0.005	Silver Ag	7440-22-4	0.00425	40865	Connect
		Silicone Resin	7440-21-3	0.00075	7212	Support