

Material Data Declaration Sheet

ECS INC. INTERNATIONAL

ECS Model Number		ECX-16 (-16 Package Type)			
Product Description		SMD Crystal			
Product Revision					
Product Total Weight		2.76mg/pcs			
Contact Information	Company	ECS INC. INTERNATIONAL			
	Contact Name	AJ Anderson			
	Address	1105 S. Ridgeview Olathe, KS 66062			
	Phone Number	913-782-7787			
Homogenous Component/Subcomponent	Homogenous Component/Subcomponent Weight (mg)	Substance	CAS number	Substance Weight (mg)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)
Base	1.9000	Alumina-Al ₂ O ₃	1344-28-1	0.905999	328260.51
		Manganese oxide-Mn ₂ O ₃	1317-34-6	0.033000	11956.52
		Silicon oxide-SiO ₂	7631-86-9	0.032000	11594.20
		Molybdenum oxide-MoO ₃	1313-27-5	0.005000	1811.59
		Magnesium oxide-MgO	1309-48-4	0.003000	1086.96
		Molybdenum-Mo	7439-98-7	0.300000	108695.65
		Iron-Fe	7439-89-6	0.199000	72101.45
		Nickel-Ni	7440-02-0	0.107000	38768.12
		Cobalt-Co	7440-48-4	0.063000	22826.09
		Silver-Ag	7440-22-4	0.117000	42391.30
		Copper-Cu	7440-50-8	0.021000	7608.70
		Nickel-Ni	7440-02-0	0.071000	25724.64
		Cobalt-Co	7440-48-4	0.018000	6521.74
		Gold-Au	7440-57-5	0.025000	9057.97
Thallium-Tl	7440-28-0	0.000001	0.36		
LID	0.7438	Iron-Fe	7439-89-6	0.358200	129782.61
		Cobalt-Co	7440-48-4	0.114100	41340.58
		Nickel-Ni	7440-02-0	0.195700	70905.80
		Manganese-Mn	7439-96-5	0.002900	1050.72
		Silicon-Si	7440-21-3	0.000500	181.16
		Chromium-Cr	7440-47-3	0.000300	108.70
		Carbon-C	7440-44-0	0.000100	36.23
		Nickel-Ni	7440-02-0	0.072000	26086.96
Conductive Adhesive	0.0404	Silver-Ag	7440-22-4	0.030300	10978.26
		Silicon resin	14808-60-7	0.003232	1171.01
		Silsesquioxanes, Me	68554-70-1	0.003232	1171.01
		n-Dodecane	112-40-3	0.003232	1171.01
		Alkoxysilane	3388-04-3	0.000404	146.38
Crystal Element	0.0758	Silica SiO ₂	14808-60-7	0.072700	26340.58
		Chromium-Cr	7440-47-3	0.000600	217.39
		Gold-Au	7440-57-5	0.002500	905.80

