

Material Data Declaration Sheet

ECS INC. INTERNATIONAL

ECS Model		ECX-19A (-19A Package Type)				
Product Description		SMD Crystal				
Product Total Weight		270.45144mg/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 (g)	Substance	CAS number	Substance Weight (mg)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	Purpose/Location
Base	163.2500000	Iron-Fe	7439-89-6	72.71000000	268847	Header
		Nickel-Ni	7440-02-0	38.33800000	141756	Header
		Cobalt-Co	7440-48-4	21.15200000	78210	Header
		Silicone-SiO2	7631-86-9	10.50000000	38824	Glass Seal
		Boroxine-B3O3	289-56-5	3.75000000	13866	Glass Seal
		Iron-Fe	7439-89-6	3.74000000	13829	Terminal
		Nickel-Ni	7440-02-0	1.97200000	7292	Terminal
		Cobalt-Co	7440-48-4	1.08800000	4023	Terminal
		Nickel-Ni	7440-02-0	1.02000000	3771	Pin
		Copper-Cu	7440-50-8	3.36000000	12424	Pin
		Manganese-Mn	7439-96-5	0.01500000	55	Pin
		Zinc-Zn	7440-66-6	1.60500000	5935	Pin
		Nickel-Ni	7440-02-0	3.10590000	11484	Ni Plating
		Phosphorus-P	7723-14-0	0.39410000	1457	Ni Plating
		Cobalt-Co	7440-48-4	0.00100000	4	Au Plating
Gold-Au	7440-57-5	0.49900000	1845	Au Plating		
Cover	90.0000000	Iron-Fe	7439-89-6	50.46000000	186577	Cover
		Nickel-Ni	7440-02-0	36.54000000	135107	Cover
		Nickel-Ni	7440-02-0	2.66220000	9844	Ni Plating
		Phosphorus-P	7723-14-0	0.33780000	1249	Ni Plating
Conductive Epoxy	1.7014300	Epoxy resin-Bisphenol F type	28064-14-4	0.17117000	633	Epoxy
		Silver-Ag	7440-22-4	1.28378000	4747	Epoxy
		Ethylene glycol	107-21-1	0.07531000	278	Epoxy
		Diethylene glycol monoethyl	112-15-2	0.17117000	633	Epoxy
Blank	15.5000100	Silica-SiO2	14808-60-7	15.50000000	57312	Quartz Crystal Blank
		Silver-Ag	7440-22-4	0.00001000	0	Quartz Crystal Blank

