

Material Data Declaration Sheet

ECS INC. INTERNATIONAL

ECS Model	ECSpressCON	
Product Description	5x3.2 SMD Oscillator	
Product Total Weight	62.28mg/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
7050 OSC PKG	48.2800	Aluminum oxide	1344-28-1	33.110000	685791	Ceramic
		Silicon oxide	7631-86-9	2.210000	45775	Ceramic
		Chromium oxide	1308-38-9	0.740000	15327	Ceramic
		Molybdenum	7439-98-7	0.730000	15120	Ceramic
		Iron	7439-89-6	2.665030	55199	Pin
		Nickel	7440-02-0	1.512130	31320	Pin
		Cobalt	7440-48-4	1.042840	21600	Pin
		Gold	7440-57-5	0.286880	5942	Plating
		Nickel	7440-02-0	0.193120	4000	Plating
		Tungsten	7440-33-7	3.860000	79950	Metallinzing
		Silver	7440-22-4	1.369950	28375	Solder
Copper	7440-50-8	0.560050	11600	Solder		
IC Chip	0.8500	Silicon	7440-21-3	0.842350	991000	IC
		Aluminum	7429-90-5	0.003320	3906	IC
		Titanium	7440-32-6	0.002550	3000	IC
		Tungsten	7440-33-7	0.001700	2000	IC
		Copper	7440-50-8	0.000080	94	IC
Adhesive	0.3500	Silver	7440-22-4	0.259000	740000	Epoxy
		Silicone resin	67763-03-5	0.087500	250000	Epoxy
		Ethanol	64-17-5	0.003500	10000	Epoxy
Gold Wire	0.0700	Gold	7440-57-5	0.070000	1000000	Connect
Blank	1.3100	Silicon dioxide	14808-60-7	1.179000	900000	Quartz Crystal
		Silver	7440-22-4	0.131000	100000	Plating
Adhesive	1.5000	Silver	7440-22-4	1.140000	760000	Epoxy
		Epoxy resin	61788-97-4	0.360000	240000	Epoxy
Lid	9.9200	Nickel	7440-02-0	5.356800	540000	Kovar Cover
		Cobalt	7440-48-4	2.876800	290000	Kovar Cover
		Iron	7439-89-6	1.686400	170000	Kovar Cover