

# Material Data Declaration Sheet

**ECS INC. INTERNATIONAL**

Supplier Part Number	ECSpressCON
Product Description	2x2.5 SMD Oscillator
Product Revision	
Product Total Weight	17.3336mg/pcs



Contact Information	Company	ECS INC. INTERNATIONAL
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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)	Purpose/Location
OSC PKG	12.9643	Alumina-Al <sub>2</sub> O <sub>3</sub>	1344-28-1	7.7164	595204	Ceramic
		Silicon dioxide-SiO <sub>2</sub>	7631-86-9	0.3795	29273	Ceramic
		Molybdenum-Mo	7439-98-7	0.1084	8361	Ceramic
		Chromium oxide-Cr <sub>2</sub> O <sub>3</sub>	1308-38-9	0.0542	4181	Ceramic
		Tungsten-W	7440-33-7	1.6900	130358	Electric conductor
		Molybdenum-Mo	7439-98-7	0.0158	1219	Electric conductor
		Silver-Ag	7440-22-4	0.5200	40110	Brazing material
		Copper-Cu	7440-50-8	0.0900	6942	Brazing material
		Iron-Fe	7439-89-6	0.8600	66336	Kovar ring
		Nickel-Ni	7440-02-0	0.6200	47824	Kovar ring
		Cobalt-Co	7440-48-4	0.3300	25455	Kovar ring
		Nickel-Ni	7440-02-0	0.3950	30468	Ni plating
		Gold-Au	7440-57-5	0.1850	14270	Au plating
LID	2.0800	Iron-Fe	7439-89-6	1.0300	495192	Alloy
		Nickel-Ni	7440-02-0	0.5600	269231	Alloy
		Cobalt-Co	7440-48-4	0.3300	158654	Alloy
		Nickel-Ni	7440-02-0	0.1600	76923	Alloy
Blank	0.1156	Silica-SiO <sub>2</sub>	14808-60-7	0.1156	1000000	Quartz crystal
Silver	0.0091	Silver-Ag	7440-22-4	0.0090	989011	Electrode
		Chromium-Cr	7440-47-3	0.0001	10989	Electrode
Epoxy	0.0220	Silver-Ag	7440-22-4	0.0200	909091	Connect
		Silicon-Si	7440-21-3	0.0020	90909	Support
Gold Wire	1.6400	Gold-Au	7440-57-5	1.6400	1000000	Connect
IC	0.5026	Silicon-Si	7440-21-3	0.4990	992837	
		Aluminium-Al	7429-90-5	0.0036	7163	