

Material Data Declaration Sheet

ECS INC. INTERNATIONAL

Supplier Part Number	ECS-2532HS Series	
Product Description	2.5 x 3.2mm SMD Oscillator	
Product Revision		
Product Total Weight	21.3336mg/pcs	
Contact Information	Company	ECS INC. INTERNATIONAL
	Contact Name	AJ Anderson
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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	16.1110	Alumina-Al ₂ O ₃	1344-28-1	10.2000	478119	Ceramic
		Silicon dioxide SiO ₂	7631-86-9	0.4400	20625	Ceramic
		Molybdenum-Mo	7439-98-7	0.0600	2812	Ceramic
		Chromium oxide-Cr ₂ O ₃	1308-38-9	0.0700	3281	Ceramic
		Tungsten-W	7440-33-7	1.1000	51562	Electric conductor
		Molybdenum-Mo	7439-98-7	0.0300	1406	Electric conductor
		Silver-Ag	7440-22-4	0.1450	6797	Brazing material
		Copper-Cu	7440-50-8	0.0560	2625	Brazing material
		Iron-Fe	7439-89-6	1.6500	77343	Kovar ring
		Nickel-Ni	7440-02-0	0.9400	44062	Kovar ring
		Cobalt-Co	7440-48-4	0.5000	23437	Kovar ring
		Nickel-Ni	7440-02-0	0.5000	23437	Ni plating
Gold-Au	7440-57-5	0.4200	19687	Au plating		
LID	3.1004	Iron	7439-89-6	1.6350	76640	Alloy
		Nickel	7440-02-0	0.6852	32118	Alloy
		Cobalt	7440-48-4	0.5800	27187	Alloy
		Nickel	7440-02-0	0.2000	9375	Alloy
		Nickel	7440-02-0	0.0002	9	Plating
Blank	0.8736	Silica SiO ₂	14808-60-7	0.8736	40949	Quartz crystal
Silver	0.0280	Gold-Au	7440-57-5	0.0278	1303	Electrode
		Chromium Cr	7440-47-3	0.0002	9	Electrode
Epoxy	0.0192	Silver Ag	7440-22-4	0.0171	802	Connect
		Silicone Si	7440-21-3	0.0021	98	Support
Gold Wire	0.9000	Gold-Au	7440-57-5	0.9000	42187	Connect
IC	0.3014	Silicon Si	7440-21-3	0.3000	14062	SI-AI
		Aluminium	7429-90-5	0.0012	56	SI-AI
		Copper-Cu	7440-50-8	0.0002	9	Pad