

Material Data Declaration Sheet

ECS INC. INTERNATIONAL

Supplier Part Number	ECS-2520Q Series	
Product Description	2.5x2.0 SMD Oscillator	
Product Revision		
Product Total Weight	14.2 mg/pcs	
Contact Information	Company	ECS INC. INTERNATIONAL
	Contact Name	AJ Anderson
	Address	1105 S. Ridgeview Olathe, KS 66062
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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
Base	10.2000	Al ₂ O ₃	1344-28-1	7.74996	545772	Ceramic
		SiO ₂	14808-60-7	0.30498	21477	Ceramic
		CaO	1305-78-8	0.02856	2011	Ceramic
		MgO	1309-48-4	0.04794	3376	Ceramic
		Cr ₂ O ₃	1308-38-9	0.33354	23489	Ceramic
		TiO ₂	13463-67-7	0.08568	6034	Ceramic
		Mo	7439-98-7	0.03774	2658	Ceramic
		W	7440-33-7	1.33416	93955	Ceramic
		Ni	7440-02-0	0.16218	11421	Ceramic
		Co	7440-48-4	0.04794	3376	Ceramic
		Au	7440-57-5	0.06732	4741	Ceramic
LID	3.4000	Fe	7439-89-6	1.66838	117492	Kovar
		Ni	7440-02-0	1.19612	84234	Kovar
		Co	7440-48-4	0.52394	36897	Kovar
		Mn	7439-96-5	0.01156	814	Kovar
Blank	0.2500	SiO ₂	14808-60-7	0.25000	17606	Quartz Crystal
Electrode	0.0100	Ag	7440-22-4	0.00995	701	Electrode
		Cr	7440-47-3	0.00005	4	Electrode
Silver Glue	0.0400	C ₁₂ H ₂₆	112-40-3	0.00400	282	Silicone Resin
		SiO ₂	7631-86-9	0.00400	282	Silicone Resin
		Ag	7440-22-4	0.03200	2254	Silicone Resin
Gold Wire	0.2000	Au	7440-57-5	0.20000	14085	Connect
IC	0.1000	Si	7440-21-3	0.09910	6979	IC
		Al	7429-90-5	0.00040	28	IC
		Ti	7440-32-6	0.00030	21	IC
		W	7440-33-7	0.00020	14	IC