

**Material Data Declaration Sheet**

**ECS INC. INTERNATIONAL**

Supplier Part Number	ECS-TXO-2520MV	
Product Description	2.5x2.0 SMD Multi-Volt TCXO	
Product Revision		
Product Total Weight	15.783002 mg/pcs	
Contact Information	Company	ECS INC. INTERNATIONAL
	Contact Name	AJ Anderson
	Address	15351 W. 109th Street Lenexa, Kansas 66219
	Phone Number	(913) 782-7787



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	13.130002	Al <sub>2</sub> O <sub>3</sub>	1344-28-1	7.920000000	501806	Ceramic
		SiO <sub>2</sub>	7631-86-9	0.390000000	24710	Ceramic
		CaO	1305-78-8	0.060000000	3802	Ceramic
		MgO	1309-48-4	0.050000000	3168	Ceramic
		Cr <sub>2</sub> O <sub>3</sub>	1308-38-9	0.060000000	3802	Ceramic
		Mo	7439-98-7	0.140000000	8870	Ceramic
		W	7440-33-7	1.910000000	121016	Ceramic
		Ni	7440-02-0	0.710000000	44985	Ceramic
		Co	7440-48-4	0.330000000	20909	Ceramic
		Tl	7440-28-0	0.090000000	5702	Ceramic
		Au	7440-57-5	0.000002000	0	Ceramic
		Fe	7439-89-6	0.860000000	54489	Ceramic
		Ag	7440-22-4	0.520000000	32947	Ceramic
Cu	7440-50-8	0.090000000	5702	Ceramic		
LID	2.090000	Fe	7439-89-6	1.025490700	64974	Kovar
		Ni	7440-02-0	0.735351800	46591	Kovar
		Co	7440-48-4	0.322154100	20411	Kovar
		Mn	7439-96-5	0.007003400	444	Kovar
Blank	0.155000	SiO <sub>2</sub>	14808-60-7	0.155000000	9821	Quartz Crystal
Electrode	0.010000	Ag	7440-22-4	0.009950000	630	Electrode
		Cr	7440-47-3	0.000050000	3	Electrode
Silver Glue	0.040000	C <sub>12</sub> H <sub>26</sub>	112-40-3	0.004000000	253	Silicone Resin
		SiO <sub>2</sub>	7631-86-9	0.004000000	253	Silicone Resin
		Ag	7440-22-4	0.032000000	2027	Silicone Resin
Gold Wire	0.200000	Au	7440-57-5	0.200000000	12672	Connect
IC	0.158000	Si	7440-21-3	0.156578000	9921	IC
		Al	7429-90-5	0.000632000	40	IC
		Ti	7440-32-6	0.000474000	30	IC
		W	7440-33-7	0.000316000	20	IC