

Material Data Declaration Sheet

ECS INC. INTERNATIONAL

Supplier Part Number	ECS-TXO-5032MV	
Product Description	5.0 x 3.2 mm SMD Multi-Volt TCXO	
Product Revision		
Product Total Weight	57.9532 mg/pcs	
Contact Information	Company	ECS INC. INTERNATIONAL
	Contact Name	AJ Anderson
	Address	15351 W. 109th Street Lenexa, KS 66219
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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	44.9953	Al ₂ O ₃	1344-28-1	34.9944	603839	Ceramic
		SiO ₂	7631-86-9	1.4093	24318	Ceramic
		Cr ₂ O ₃	1308-38-9	0.4768	8227	Ceramic
		Mo	7439-98-7	0.1217	2100	Ceramic
		Fe	7439-89-6	2.7410	47297	Ceramic
		Ni	7440-02-0	1.4396	24841	Ceramic
		Co	7440-48-4	0.8571	14790	Ceramic
		Au	7440-57-5	0.3771	6507	Ceramic
		W	7440-33-7	1.8250	31491	Ceramic
		Ag	7440-22-4	0.5477	9451	Ceramic
		Cu	7440-50-8	0.2056	3548	Ceramic
LID	9.4271	Fe	7439-89-6	4.2422	73200	Kovar
		Ni	7440-02-0	3.5823	61814	Kovar
		Co	7440-48-4	1.6026	27653	Kovar
Blank	1.4130	SiO ₂	14808-60-7	1.4130	24382	Quartz Crystal
Electrode	0.2110	Au	7440-57-5	0.2110	3641	Electrode
Bonding Wire	0.0868	Au	7440-57-5	0.0868	1498	Connect
IC	0.7520	Si	7440-21-3	0.7520	12976	IC
Conductive Adhesive	1.0680	Ag	7440-22-4	0.7903	13637	Adhesive
		Silicone Resin	67763-03-5	0.1068	1843	Adhesive
		SiO ₂	7631-86-9	0.1068	1843	Adhesive
		Mineral Spirit	64742-47-8	0.0639	1103	Adhesive
		Methanol	67-56-1	0.0002	3	Adhesive