

Material Data Declaration Sheet

ECS INC. INTERNATIONAL

Supplier Part Number	ECS-327TXO		
Product Description	3.28x2.5mm SMD CMOS TCXO		
Product Revision			
Product Total Weight	22.710102 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
Ceramic Base	12.550002	Al ₂ O ₃	1344-28-1	9.330000	410830	Ceramic
		SiO ₂	7631-86-9	0.460000	20255	Ceramic
		CaO	1305-78-8	0.070000	3082	Ceramic
		MgO	1309-48-4	0.060000	2642	Ceramic
		Cr ₂ O ₃	1308-38-9	0.070000	3082	Ceramic
		Mo	7439-98-7	0.160000	7045	Ceramic
		W	7440-33-7	1.990000	87626	Ceramic
		Co	7440-48-4	0.060000	2642	Ceramic
		Au	7440-57-5	0.090000	3963	Ceramic
		Tl	7440-28-0	0.000002	0	Ceramic
		Ni	7440-02-0	0.260000	11449	Ceramic
LID	2.800100	Fe	7439-89-6	2.520000	110964	Kovar
		Au	7440-57-5	0.028000	1233	Kovar
		Co	7440-48-4	0.000100	4	Kovar
		Ni	7440-02-0	0.252000	11096	Kovar
Crystal Blank	0.130000	SiO ₂	7631-86-9	0.130000	5724	Quartz Crystal
IC	0.340000	Si	7440-21-3	0.339719	14959	IC
		Al	7429-90-5	0.000099	4	IC
		Cu	7440-50-8	0.000017	1	IC
		Ti	7440-32-6	0.000092	4	IC
		W	7440-33-7	0.000073	3	IC
Base	6.300000	Al ₂ O ₃	1344-28-1	6.300000	277410	Base
Terminations	0.590000	W	7440-33-7	0.472000	20784	
		Ni	7440-02-0	0.088500	3897	
		Au	7440-57-5	0.029500	1299	