

Material Composition Data

Product: GXO-E72

Page 1



Golledge

Timing Is Everything

GXO-E72 - 2.5 ~ 3.3V LV-PECL Oscillator

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
Base					
	Ceramic	Cr2O3 (Non hex)	1308-38-9	0.766	0.55
	Ag-Cu	Ag	7440-22-4	3.390	2.44
		Cu	7440-50-8	0.598	0.43
	Ceramic	Al2O3	1344-28-1	101.636	73.22
		SiO2	14808-60-7	3.689	2.66
		Mo	7439-98-7	1.039	0.75
	Gold plate	Au	7440-57-5	1.950	1.40
	Kovar	Fe	7439-89-6	11.573	8.34
		Ni	7440-02-0	6.215	4.48
		Co	7440-48-4	3.644	2.63
	Ni	Ni	7440-02-0	1.760	1.27
	W	W	7440-33-7	2.470	1.78
	W-Mo	Mo	7439-98-7	0.080	0.06
Conducting Adhesive					
	silicon	Si	7440-21-3	0.001	1.27
	Silver	Ag	7440-22-4	0.078	98.73
Crystal					
	Quartz	SiO2	14808-60-7	0.338	100.00
Electrode					
	Silver	Ag	7440-22-4	0.028	100.00
IC					
	Au Wire	Au	7440-57-5	7.515	70.40
	Si-Al	Si	7440-21-3	2.469	23.13
		Al	7429-90-5	0.690	6.46
Metal Cap					
	Electroless nickel platin	Ni	7440-02-0	0.666	7.79
		P	7723-14-0	0.001	0.01
	Filler	Ag	7440-22-4	0.290	3.39
		Cu	7440-50-8	0.110	1.29
	Kovar	Fe	7439-89-6	3.685	43.09
		Ni	7440-02-0	2.198	25.70
		Co	7440-48-4	1.201	14.05
	Ni	Ni	7440-02-0	0.400	4.68

Total Mass: 158.480 mg

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