

# Material Composition Data

Product: GXO-3301

Page 1



Timing Is Everything

## GXO-3301 - 1.8~3.3V SM Oscillator

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
<b>Base</b>	Ceramic	Al <sub>2</sub> O <sub>3</sub>	1344-28-1	12.190	80.62
		SiO <sub>2</sub>	14808-60-7	0.460	3.04
		Cr <sub>2</sub> O <sub>3</sub> (Non hex)	1308-38-9	0.070	0.46
		Mo	7439-98-7	0.100	0.66
	Gold plate	Au	7440-57-5	0.370	2.45
	Nickel	Ni	7440-02-0	0.790	5.22
	Mo-W	Mo	7439-98-7	0.030	0.20
		W	7440-33-7	1.110	7.34
	<b>Lid</b>	Kovar	Fe	7439-89-6	1.650
Ni			7440-02-0	0.890	26.02
Co			7440-48-4	0.520	15.20
Nickel		Ni	7440-02-0	0.180	5.26
Ag-Cu		Ag	7440-22-4	0.130	3.80
		Cu	7440-50-8	0.050	1.46
<b>Blank</b>	Quartz	SiO <sub>2</sub>	14808-60-7	0.700	100.00
<b>Electrode</b>	Metal	Ag	7440-22-4	0.008	100.00
<b>Silver Glue</b>	Silicone resin	Si	7440-21-3	0.004	16.67
		Ag	7440-22-4	0.020	83.33
<b>IC DIE</b>	Gold wire	Au	7440-57-5	2.630	83.95
	IC DIE	Si	7440-21-3	0.499	15.93
		Al	7429-90-5	0.004	0.13
<b>Total Mass:</b>				<b>22.405 mg</b>	

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