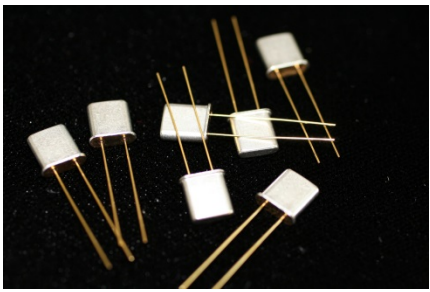
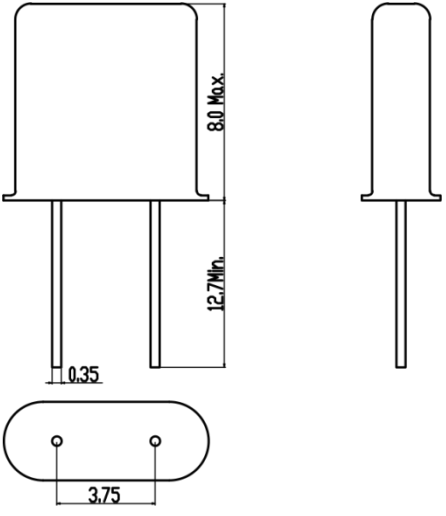
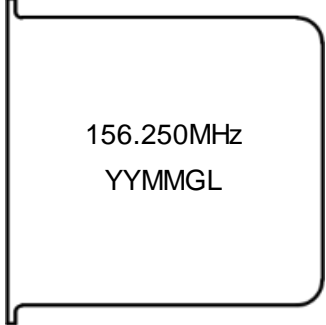


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## UM-1 SPECIFICATION

	Parameter	Specification
1	Nominal Frequency	156.25000MHz
2	Mode of Vibration	3 <sup>rd</sup> overtone
3	Frequency Tolerance	(+25°C±2°C) ±20ppm
4	Operating Temperature Range	-40°C~85°C
5	Stability vs. Temp. Range Ref.	±20ppm
6	Equivalent Series Resistance (ESR)	Less than 25Ω
7	Shunt Capacitance (C0)	Less than 3.0pF
8	Motional Capacitance (C1)	0.94fF ±20%
9	Load Capacitance (CL)	Series
10	Level of Drive	100μW±10μW
11	Unwanted Response (SPUR)	No Spurious more than -3dB
12	Insulation	More than 500MΩ/DC100V
13	Aging	±3ppm/year
14	Leak Test	1 x 10 <sup>-8</sup> Pa · m <sup>3</sup> /s [He]
15	Marking	See below
16		

PRODUCT IMAGE	Package	Marking
		



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