



Customer	WTL
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SPECIFICATION

维拓国际有限公司

WTL International Limited

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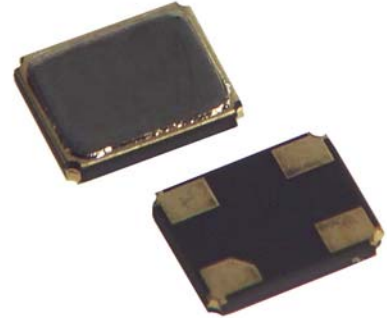
www.wtlcrystals.com email: wtl@wtlcrystals.com

P/N: WTL3M01312
SEAM SEALED CERAMIC 3.2 X 2.5mm SMD



FEATURE

- Ultra thin, thickness 1.0mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Designed for automatic mounting and reflow soldering
- Emboss taping specification
- The best choice of Bluetooth wireooth wireless communication sets.DSN,PDA and mobile phone.



ELECTRICAL SPECIFICATIONS

Output Frequency Range	13.56 MHz
Mode	Fundamental
Frequency Tolerance (at 25°C)	±30ppm
Frequency Stability Over Operating Temperature Characteristics	±30ppm
Operating Temperature Range	-20 °C to +70 °C
Storage Temperature Range	-55 °C to + 125 °C
Shunt Capacitance (C ₀)	5.0 pF Max
Driver Level (Typical)	10μW ~ 100μW
Load Capacitance(C _L)	20pF
Aging @25°C 1 st year (Max)	±3ppm/year
Shock Resistance	Drop test of 3 times on 2mm stainless plate from 75cm height

REMARK: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

EQUIVALENT SERIES RESISTANCE (ESR) (Table 1)

Frequency Range	E.S.R(Ω)	Mode
12~24MHz	80 Ω Max	AT/Fundamental
24~50MHz	60 Ω Max	AT/Fundamental

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Dimension

