

WC519 Series Crystal

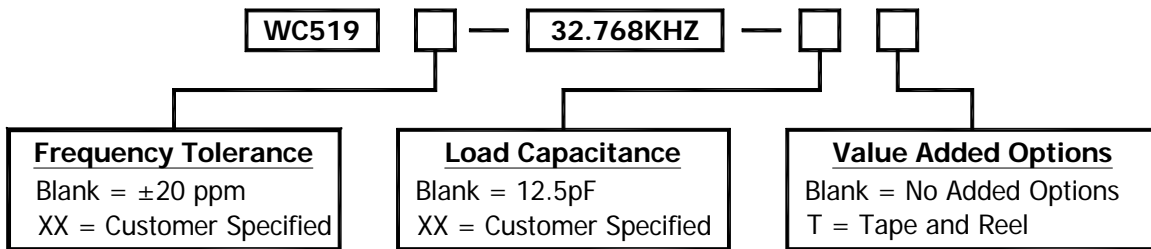


- Ceramic SMD Tuning Fork Crystal
- 32.768KHZ
- RoHS Compliant
- Tape and Reel Packaging Available



Frequency	32.768KHZ
Frequency Tolerance at +25°C	±20 ppm
Load Capacitance	12.5pF
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +125°C
Turnover Temperature	+25°C ±5°C
Stability	-0.035 ppm / (change in °C) ² max parabolic curve
Equivalent Series Resistance	70k Ohms Max
Drive Level	1uW max
Aging	±3 ppm first year
Quality Factor	65000 typ
Shunt Capacitance	1.33pF Max

Part Number Guide



Please consult with MMD sales department for any other parameters or options.

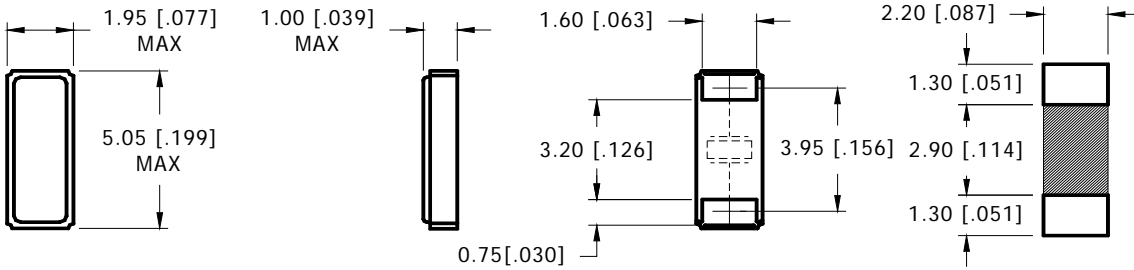


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Revision:	WC156SM092110B
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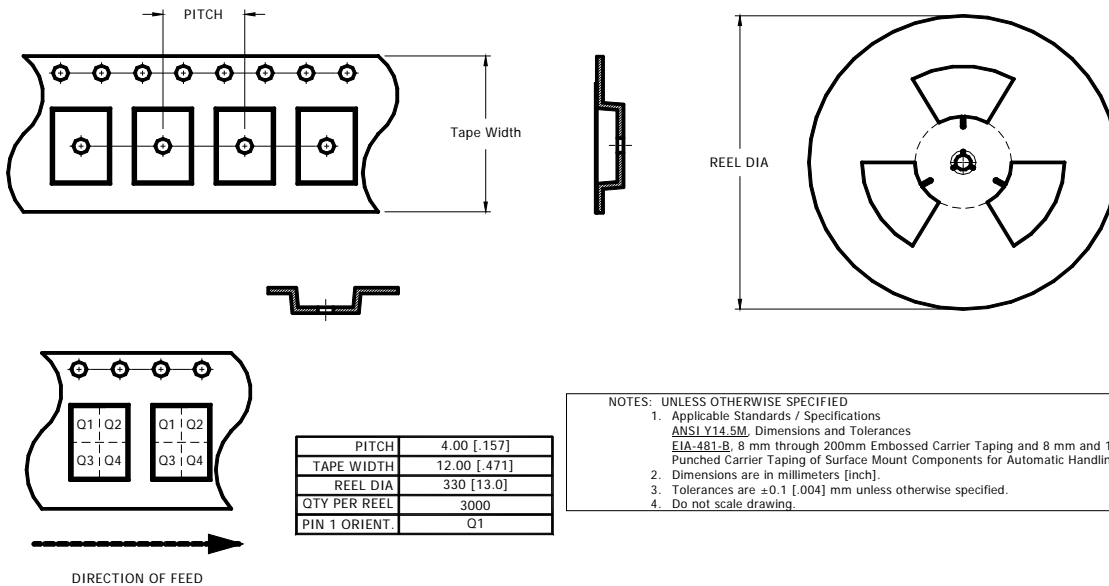
Mechanical Details



DIMENSION IN BRACKETS ARE IN INCHES

SUGGESTED LAND PATTERN
*DO NOT DESIGN ANY PATTERNS
ON SHADED AREA

Tape & Reel



NOTES: UNLESS OTHERWISE SPECIFIED

1. Applicable Standards / Specifications
ANSI Y14.5M, Dimensions and Tolerances
EIA-481-B, 8 mm through 200mm Embossed Carrier Taping and 8 mm and 12 mm
Punched Carrier Taping of Surface Mount Components for Automatic Handling.
2. Dimensions are in millimeters [inch].
3. Tolerances are ± 0.1 [.004] mm unless otherwise specified.
4. Do not scale drawing.



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