

WC519-32.768KHZ Crystal Series

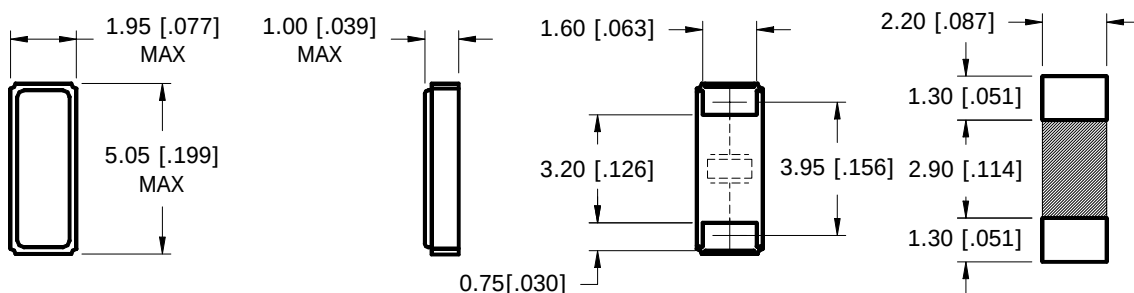


- **Ceramic SMD Tuning Fork Crystal**
- **32.768KHZ**
- **RoHS Compliant**
- **Tape and Reel Packaging Available**

ELECTRICAL SPECIFICATIONS:

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

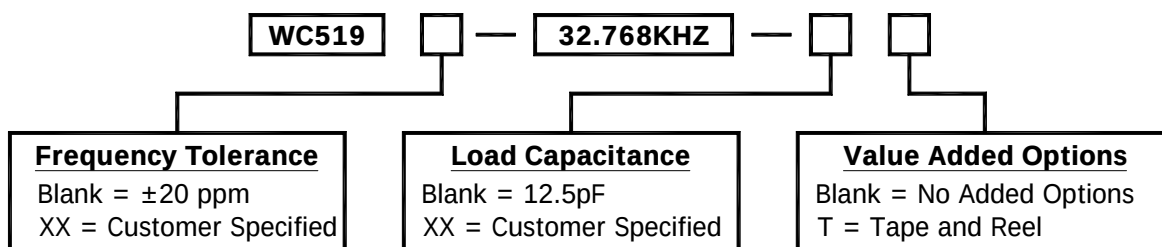
MECHANICAL DETAILS:



DIMENSION IN BRACKETS ARE IN INCHES

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

PART NUMBERING GUIDE:



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

MMD Components, 30400 Esperanza, Rancho Santa Margarita, CA, 92688
Phone: (949) 709-5075, Fax: (949) 709-3536, www.mmdcomp.com
Sales@mmdcomp.com