

# WC26SM Series Crystal

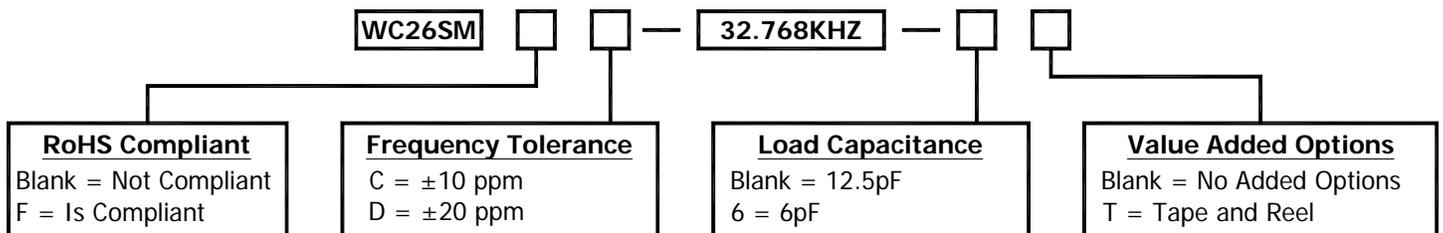


- Surface Mountable Clock Crystal
- 32.768 KHz
- Small Compact Size
- RoHS Compliant



Frequency	32.768 KHz
Tolerance at +25°C	See Part Number Guide for Options
Stability	-0.034 ppm ( $\pm 0.006$ )/ $^{\circ}C^2$
Aging	$\pm 5$ ppm/ yr
Shunt Capacitance	1.5 pF
Load Capacitance	12.5 pF Typ (6pF Option)
Motional Capacitance	0.003 pF TYP
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Equivalent Resistance	50k Ohms Max
Drive Level	1 $\mu$ W Max
Temperature Coefficient	0.04 ppm / $^{\circ}C$
Insulation Resistance	500 Megaohms Min / DC 100 V
Shock Resistance	$\pm 5$ ppm Max (Drop test 3 times on a hard board from 75 cm)

## Part Number Guide



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

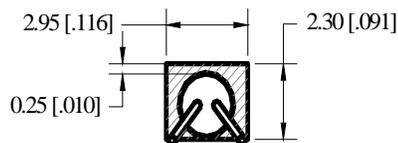
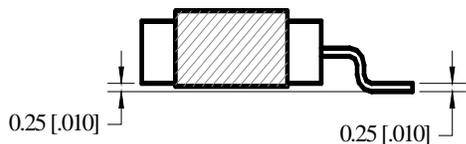
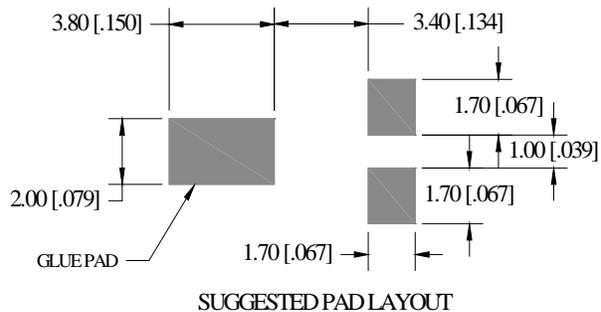
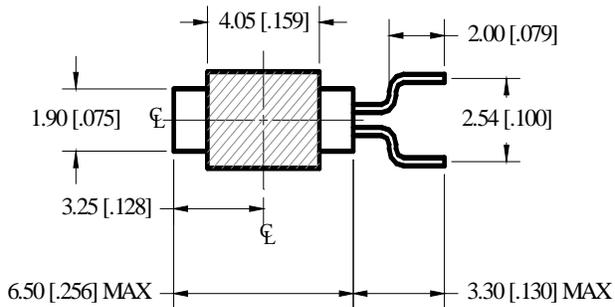


**MMD Monitor/Quartztek**  
 30400 Esperanza, Rancho Santa Margarita, CA, 92688  
 Phone: (949) 709-5075, Fax: (949) 709-3536, [www.mmdcomp.com](http://www.mmdcomp.com)  
 Sales@mmdcomp.com



Revision:	WC26SM082812G
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## Mechanical Details

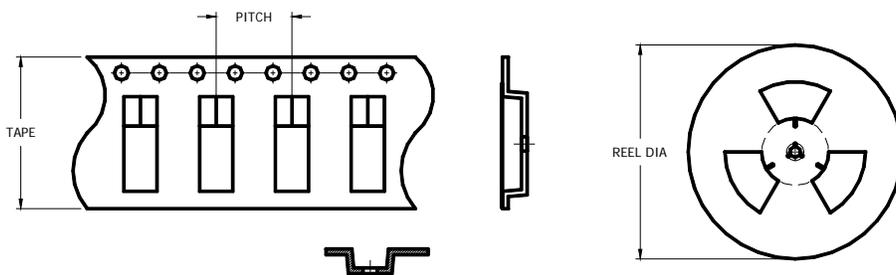


DIMENSIONS IN BRACKETS ARE IN INCHES

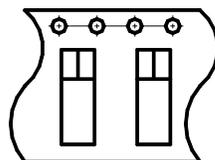
### NOTES

1. CAN PLATING = Ni
2. LEAD PLATING = Sn 95% - 98%, Cu 2% - 5%

## Tape & Reel



PITCH	8.0
TAPE	16.0
REEL	330 [13 IN]
COUNT	1000



DIRECTION OF FEED

### 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.
3. Tolerances are  $\pm 0.1$  mm unless otherwise specified.
4. Do not scale drawing.



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