

# WC26SM Series Crystal

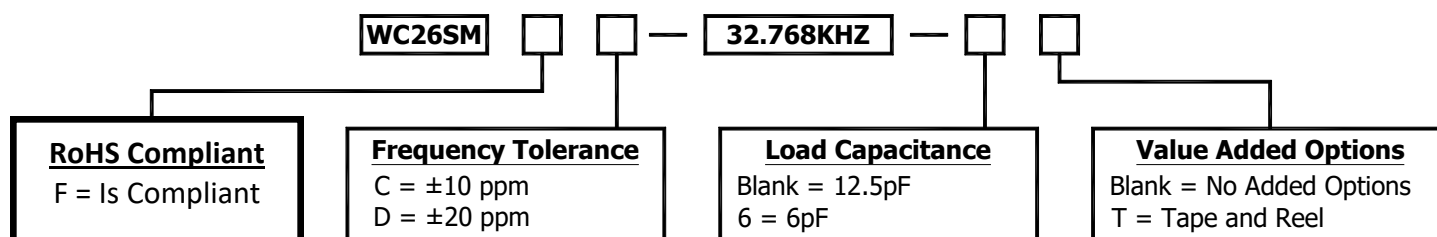


- **Surface Mountable Clock Crystal**
- **32.768 KHz**
- **Small Compact Size**
- **RoHS Compliant**



|                         |                                                                |
|-------------------------|----------------------------------------------------------------|
| Frequency               | 32.768 KHz                                                     |
| Tolerance at +25°C      | See Part Number Guide for Options                              |
| Stability               | -0.034 ppm ( $\pm 0.006$ )/ $^{\circ}C$                        |
| 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.

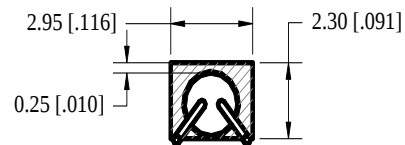
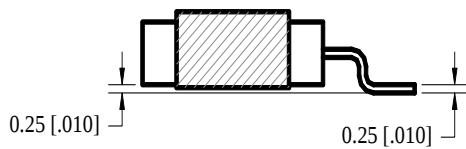
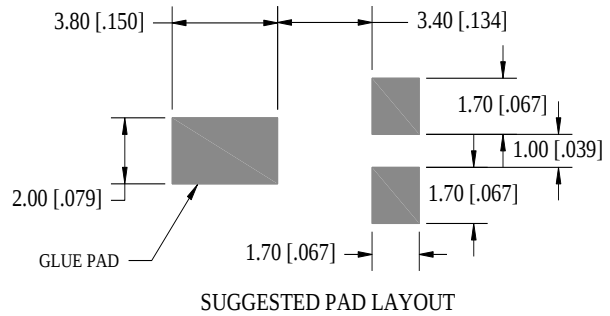
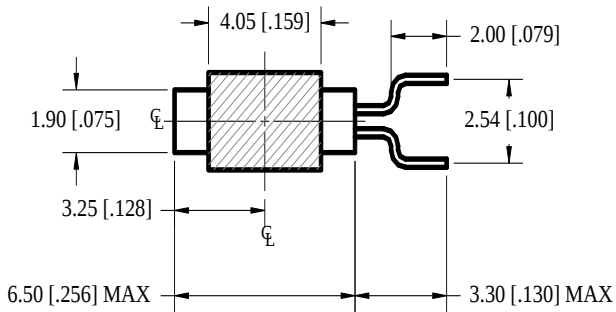


**MMD Monitor/Quartztek**  
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|           |               |
|-----------|---------------|
| Revision: | WC26SM060420H |
|-----------|---------------|

## Mechanical Details

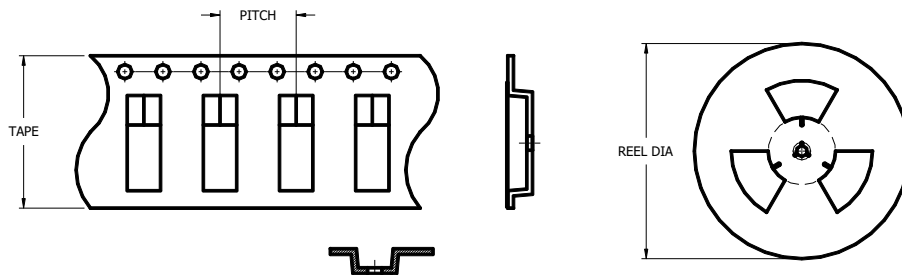


DIMENSIONS IN BRACKETS ARE IN INCHES

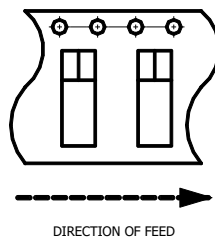
### NOTES

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        |



- 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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