



Data Sheet

telephone
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BACK

Product Category: SMD Quartz Crystal

| Series Number | Package | Description | Last Modified |
|---------------|-----------------|----------------------|---------------|
| 265 | 7x5mm Chip Type | 2 Pad Quartz Crystal | July 28 2008 |

FEATURES

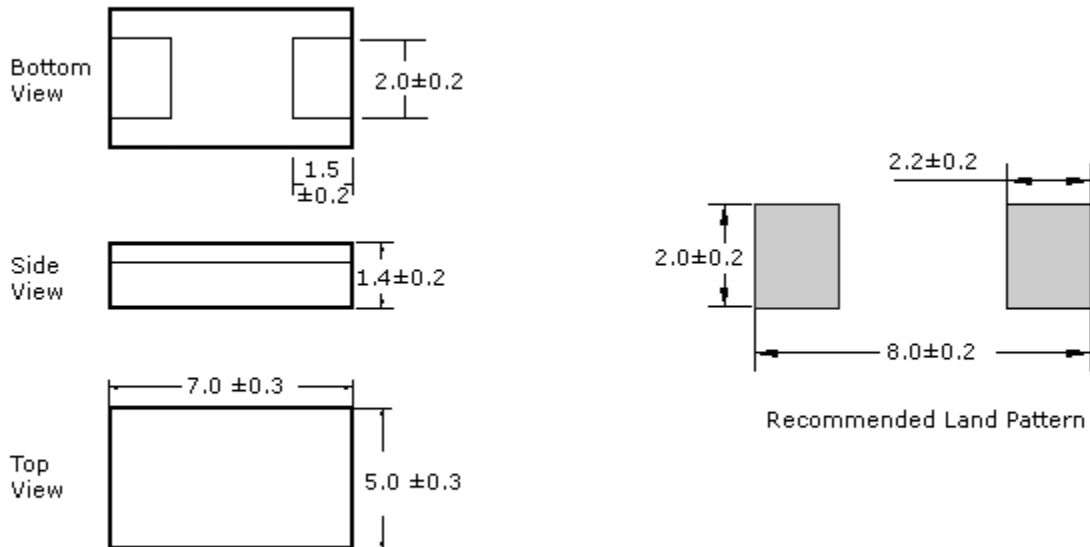
- 7x5mm Chip Type quartz crystal
- Low profile 2 pad
- Tight stability / High reliability
- Cost Efficient
- Tape and Reel
- RoHS / Lead Free compliant

**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

| PARAMETERS | | CHARACTERISTICS | UNITS |
|-----------------------|-------------------------|-----------------|-------|
| Frequency Range | fo | 12.00 ~ 35.00 | MHz |
| Frequency Tolerance | @ 25°C | ±30 | ppm |
| Frequency Stability | Ta = -20 +70°C | ±50 | ppm |
| Operating Temperature | TOPR | -20 ~ +70 | °C |
| Storage Temperature | TSTG | -40 ~ +85 | °C |
| Shunt Capacitance | Co | 7.0 max. | pF |
| Load Capacitance | CL (Customer Specified) | 18 ~ 30, Series | pF |

EQUIVALENT SERIES RESISTANCE / MODE OF OSCILLATION

| FREQUENCY RANGE (MHz) | MODE | MAX ESR Ohm |
|-----------------------|-------------|-------------|
| 12.000 ~ 16.000 | Fundamental | 60 |
| 16.001 ~ 35.000 | Fundamental | 40 |

PACKAGE DIMENSIONS (mm)**PART NUMBER GUIDE**

| Series Number | Frequency | Load Capacitance | Operating Temp (°C) | Packaging** |
|---|---|---|-----------------------|---------------------------------|
| 265 | - 12.0M | - 20 | - S | - TR |
| Oscilent | Enter frequency e.g. 12.0M for 12.000 MHz | Enter capacitance e.g. -20 for 20pF . Enter -SR for Series Resonance. | S = -20~+70 | Blank* = Bulk TR = Tape/Reel |
| <p>NOTE: Deviations on all parameters available. Please consult Oscilent for details.</p> <p>DEFINITIONS: Click on the characteristic names above for definitions of that particular characteristic.</p> <p>*STANDARDS: "Blank" part number selections indicate standard variables for that particular characteristic.</p> <p>**PACKAGING: Click on the packaging name above for tape/reel specifications</p> | | | | |

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Series No.: 265

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