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BACK

Product Category: SMD Quartz Crystal

Series Number Package		Description	Last Modified
267	5x3.2mm Chip Type	2 Pad Quartz Crystal	July 28 2008

#### **FEATURES**

- 5x3.2mm Chip Type quartz crystal
- Low profile 2 pad
- Tight stability / High reliability
- Cost Efficient
- Tape and Reel
- RoHS / Lead Free compliant





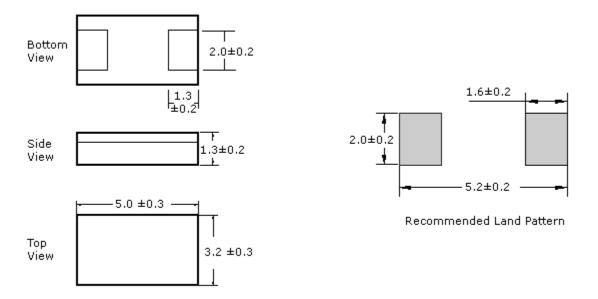
## **OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS		CHARACTERISTICS	UNITS
Frequency Range	fo	12.00 ~ 40.00	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	Со	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 ~ 14.399	Fundamental	80	
14.400 ~ 40.000	Fundamental	50	

### PACKAGE DIMENSIONS (mm)



#### **PART NUMBER GUIDE**

Series Number	Frequency	Load Capacitance	Operating Temp ( °C )	Packaging**
267	- 12.0M	- 20	- S	- TR
Oscilent		Enter capacitance e.g20 for 20pF . Enter -SR for Series Resonance.	S = -20~+70	Blank* = Bulk TR = Tape/Reel

NOTE: Deviations on all parameters available. Please consult Oscilent for details.

**DEFINITIONS:** Click on the characteristic names above for definitions of that particular characteristic.

\*STANDARDS: "Blank" part number selections indicate standard variables for that particular characteristic.

\*\*PACKAGING: Click on the packaging name above for tape/reel specifications

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Series No.: 267

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