



Data Sheet

 telephone
949 252 0522

BACK

Product Category: SMD Quartz Crystal

Series Number	Package	Description	Last Modified
268	6x3.5mm Chip Type	SMD Quartz Crystal	July 28 2008

FEATURES

- 6x3.5mm Chip Type
- Low profile 4 pad quartz crystal
- Tight stability / High reliability
- Cost Efficient
- Tape and Reel
- RoHS / Lead Free compliant



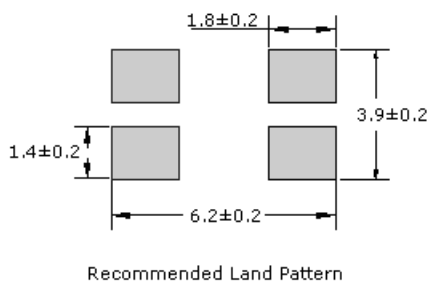
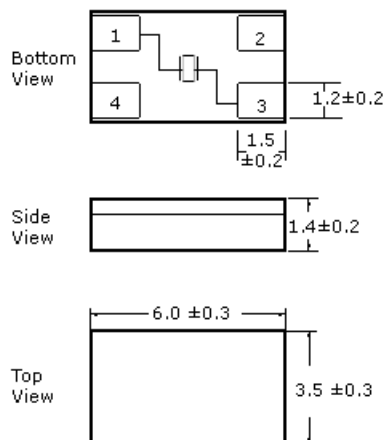
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

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	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 ~ 40.000	Fundamental	40

PACKAGE DIMENSIONS (mm)



PART NUMBER GUIDE

Series Number	Frequency	Load Capacitance	Operating Temp (°C)	Packaging**
268	- 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

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.: 268