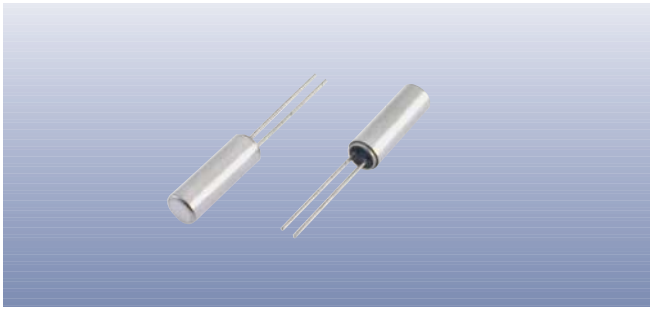
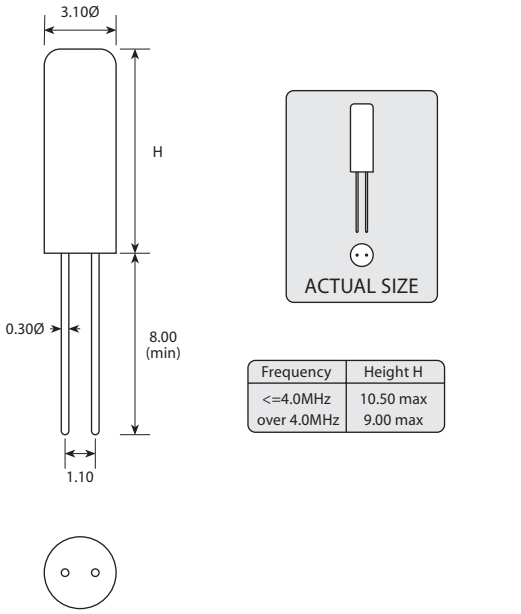
High Frequency Cylindrical Crystal

GCX-39





Frequency	Height H
<=4.0MHz	10.50 max
over 4.0MHz	9.00 max

Scale 3:1

Specifications

Parameters		Product GCX-39	Option Codes
Frequency range:	3.5 ~ 90.0MHz	■	
Calibration tolerance:	±30ppm	■	3
	±50ppm	□	5
	Other values	□	specify
Temperature stability:	±30ppm	□	3
	±50ppm	■	5
	Other values	□	specify
Operating temperature range:			
	-10 to +60°C	■	1
	Other values	□	specify
Storage temperature range:			
	-40 to +90°C	■	
Circuit condition:	16pF	□	D
	20pF	□	F
	30pF	□	J
	Series resonant	□	S
	Other values	□	specify
Oscillation mode:			
	Fundamental (<30.0MHz)	■	F
	3rd overtone (30.0MHz+)	□	3
Static capacitance (C_0):	5.0pF max	■	
Equivalent series resistance (max):			
	200Ω (3.5 ~ 3.9MHz)	■	
	150Ω (4.0 ~ 5.9MHz)	■	
	100Ω (6.0 ~ 9.9MHz)	■	
	50Ω (10.0 ~ 30.0MHz)	■	
	100Ω (30.0 ~ 35.9MHz, 3rd OT)	■	
	80Ω (36.0 ~ 90.0MHz, 3rd OT)	■	
Ageing:	±5ppm max first year	■	
Test drive level:	100µW	■	

■ Standard. □ Optional - Please specify required code(s) when ordering

Features

- **Wide frequency range available**
- **Excellent shock resistance**
- **Miniature size for high density applications**

Standard Frequencies

Frequencies in MHz	
3.579545	7.372800
3.686400	8.000000
4.000000	10.000000
4.194304	11.059200
4.433619	12.000000
4.915200	16.000000
6.000000	17.734470
6.144000	20.000000
7.159090	

Ordering Information

Product name + option codes + frequency
eg: **GCX-39/351DF 16.0MHz** 30/50/10/16-F
eg: **GCX-39/551S3 40.0MHz** 50/50/10/SR-3
Option code X (eg GCX-39/X) denotes a custom spec.

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