




Scale 3:1

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	

Other frequencies available. Please consult our sales office.

Specifications

Parameters	Product	Option Codes
	GCX-39	
Frequency range:	3.5 ~ 90.0MHz	
Calibration tolerance:	±30ppm ±50ppm Other values	3 5 specify
Temperature stability:	±30ppm ±50ppm Other values	3 5 specify
Operating temperature range:	-10 to +60°C Other values	1 specify
Storage temperature range:	-40 to +90°C	
Circuit condition:	16pF 20pF 30pF Series resonant Other values	D F J S specify
Oscillation mode:	Fundamental (<30.0MHz) 3rd overtone (30.0MHz+)	F 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	
Soldering conditions:	235°C, 5 sec max	

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

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.

◆ NOTE: Although this product is compliant with the RoHS directive, it is not designed to withstand 260°C solder processing