



Features

- Wide frequency range
- Low profile plastic moulded package

Standard Frequencies

Frequencies in MHz			
3.579545	7.159090	10.75200	16.58880
3.686400	7.372800	11.00000	16.93440
3.840000	7.664320	11.05920	17.73447
4.000000	7.987200	11.28960	18.43200
4.032000	8.000000	12.00000	19.20000
4.096000	8.064000	12.28800	19.66080
4.194304	8.192000	12.50000	20.00000
4.433619	8.388608	12.80000	20.94500
4.608000	8.867237	14.31818	22.11840
4.915200	9.216000	14.40000	24.00000
5.000000	9.600000	14.74560	24.00014
6.000000	9.830400	15.00000	24.57600
6.144000	10.00000	15.36000	25.00000
6.176000	10.24000	16.00000	27.00000
6.553600	10.24500	16.25700	28.63636
6.666667	10.70000	16.38400	29.49120

Specifications

Parameters	Product	Option Codes
	GSX-309	
Frequency range: 3.50 ~ 32.0MHz	■	
Calibration tolerance: ±30ppm	□	3
±50ppm	□	5
Temperature stability: ±30ppm	□	3
±50ppm	■	5
Operating temperature range:		
-10 to +60°C	■	1
-20 to +70°C	□	2
Other values	□	specify
Operable temperature range:		
-40 to +85°C	■	
Storage temperature range:		
-55 to +125°C	■	
Circuit condition:		
16pF	■	D
18pF	□	E
20pF	□	F
30pF	□	J
Other values	□	specify
Oscillation mode: Fundamental	■	F
Static capacitance (C ₀): 7pF max	■	
Equivalent series resistance (max):		
200Ω (3.5 ~ 3.9MHz)	■	
150Ω (4.0 ~ 5.9MHz)	■	
100Ω (6.0 ~ 9.9MHz)	■	
50Ω (10.0 ~ 32.0MHz)	■	
Ageing: ±5ppm max first year	■	
Drive level: 100μW typ	■	
Shock resistance: ±5ppm	■	
Soldering conditions:		
240°C, 10sec max	■	

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

Ordering Information

Product name + option codes + frequency
 eg: **GSX-309/551DF 16.0MHz** 50/50/10/16-F (standard)
GSX-309/352JF 24.0MHz 30/50/20/30-F
 Option code X (eg GSX-309/X) denotes a custom specification.
 Available on T&R - 1k pcs per reel.