

Frequency Range:

- 8.0000 MHz to 59.9999 MHz (Fundamental)
- 60.0000 MHz to 125.0000 MHz (3rd Overtone)

Characteristics at 25°C ±3°C:

- Frequency Calibration Tolerance: ±10ppm to ±50ppm
- Load Capacitance: 8 to 32pF or Series Resonance
- Effective Series Resistance (ESR):
 - Fundamental:
 - 8.0000MHz to 11.9999MHz: 100Ω max
 - 12.0000MHz to 15.9999MHz: 60Ω max
 - 16.0000MHz to 31.9999MHz: 50Ω max
 - 32.0000MHz to 59.9999MHz: 40Ω max
 - 3 Overtone:
 - 60.0000MHz to 79.9999MHz: 100Ω max
 - 80.0000MHz to 99.9999MHz: 80Ω max
 - 100.0000MHz to 125.0000MHz: 60Ω max
- Drive Level: 10μW typ. 100μW max
- Shunt Capacitance: 5pF Max.

Temperature Range:

- Operating: -20 to +70°C; -40 to +85°C
- Storage: -55 to +125°C

Temperature Stability:

- ±10ppm to ±50ppm (-20 to +70°C)
- ±15ppm to ±50ppm (-40 to +85°C)

Aging at 25°C, First Year:

- ±3ppm Max

Reflow Temperature:

- 260°C Max, 10 seconds max

For the latest product information visit: <https://www.diodes.com/part/FY/>

For soldering reflow profile and reliability test ratings go to: <https://www.diodes.com/assets/sre/reflow.pdf>

For tape and reel information go to: https://www.diodes.com/assets/sre/tr_5032.pdf

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