PM Surface Mount Crystals 5.0 x 7.0 x 1.3 mm



XX

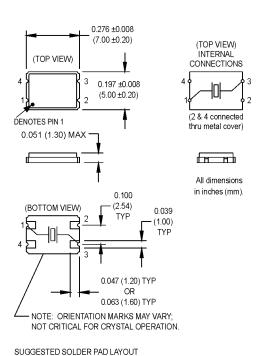
00.000

MHz









(3.30)

0.045 (1.14)

0.055 (1.40)

+

0.098 (2.50)

Available Stabilities vs. Temperature

Ordering Information

3: -55°C to +105°C

5: -10°C to +85°C

G: ±20 ppm

G: ±20 ppm

J: ±30 ppm P: ±100 ppm

Blank: 18 pF (std)

S: Series Resonant

Frequency (customer specified)

Load Capacitance

±30 ppm

Product Series Temperature Range 1: 0°C to +70°C

Tolerance **D**: ±10 ppm

Stability -**D**: ±10 ppm PΜ

±15 ppm

H: ±25 ppm

M: ±50 ppm

F: ±15 ppm

H: ±25 ppm

M: ±50 ppm

XX: Customer Specified 10 pF to 32 pF

2: -40°C to +85°C

4: -55°C to +125°C

6: -20°C to +70°C

| T | D | F | G | Н | J | М | Р |
|---|---|---|---|---|---|---|---|
| 1 | Α | Α | Α | Α | Α | Ø | Α |
| 2 | Ν | Α | Α | Α | Α | Α | Α |
| 3 | N | N | N | N | N | Α | Α |
| 4 | N | N | N | N | N | Α | Α |
| 5 | N | Α | Α | Α | Α | Α | Α |
| 6 | N | Α | Α | Α | Α | A | Α |

| A = Avallable | S = Standa |
|-------------------|------------|
| N = Not Available | |

| | PARAMETERS | VALUE | |
|--------------------------|--|-------------------------------|--|
| | Frequency Range* | 9.500 to 150.000 MHz | |
| | Tolerance @ +25°C | See Table Above | |
| | Stability | See Table Above | |
| | Aging | ±5 ppm/yr Max | |
| Specifications | Shunt Capacitance | 5 pF Max. | |
| ļģ. | Load Capacitance | See ordering information | |
| 122 | Standard Operating Conditions | See Table Above | |
| Š | Equivalent Series Resistance (ESR), Max. | | |
| ğ | Fundamental (AT-cut) | | |
| | 9.5000 to 10.999 MHz | 60 Ω | |
| ent | 11.000 to 13.999 MHz | 50 Ω | |
| Ě | 14.000 to 15.999 MHz | 40 Ω | |
| 5 | 16.000 to 40.500 MHz | 30 Ω | |
| Electrical/Environmental | Third Overtones (AT-cut) | | |
| | 35.000 to 39.999 MHz | 100 Ω | |
| | 40.000 to 49.999 MHz | 80 Ω | |
| 탕 | 50.000 to 90.000 MHz | 100 Ω | |
| 膃 | Fifth Overtones (AT-cut) | | |
| | 90.000 to 150.000 MHz | 100 Ω | |
| | Drive Level | 100 μW Max. | |
| | Mechanical Shock | MIL-STD-202, Method 213, C | |
| | Vibration | MIL-STD-202, Method 201 & 204 | |
| | Thermal Cycle | MIL-STD, Method 1010, B | |

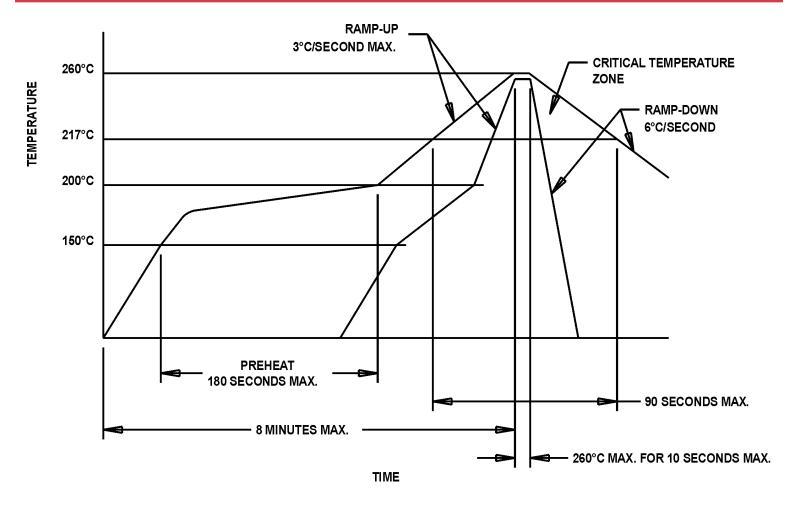
^{*} Because this product is based on AT-strip technology, not all frequencies in the range stated are available. Contact the factory for availability of specific frequencies.

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Please see www.mtronpti.com for our complete offering and detailed datasheets. Contact us for your application specific requirements: MtronPTI 1-800-762-8800.



MtronPTI Lead Free Solder Profile



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