



Specifications

MX1V-O: Straight leads for through-hole

MX1V-T: Formed leads for SM

| Parameters | Product | | Option Code |
|---|---|---|-------------|
| | MX1V-O | MX1V-T | |
| Termination: Low temp (Au-flashed) High temp (PbSn + Ag-plated) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Lead configuration: Straight leads Formed leads, 2.54mm pitch Formed leads, 1.27mm pitch | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> | N K S |
| Frequency range: 10.0 ~ 200kHz 28.0 ~ 200kHz | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Calibration tolerance: see table Other | <input checked="" type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> | specify |
| Operating temperature range: -40 to +85°C -55 to +85°C | <input checked="" type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> | I M |
| Storage temperature range: -55 to +125°C | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Circuit condition: 10pF Other | <input checked="" type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> | specify |
| Static capacitance (C₀): 0.7 ~ 1.5pF | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Ageing: ±3ppm max first year | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Drive level: 1.0μW max | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Shock resistance: ±5ppm max, 5,000g, 0.3ms, ½ sine | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Vibration resistance: ±5ppm max, 20g, 10.0 ~ 2,000Hz | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |

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

Features

- ▮ High shock resistance
- ▮ Wide temperature range
- ▮ Low power consumption
- ▮ SM version on tape & reel

Standard Frequencies

| Frequencies in kHz | | | |
|--------------------|---------|----------|----------|
| 10.0000 | 30.7200 | 40.9600 | 153.6000 |
| 12.8000 | 32.0000 | 60.0000 | 180.0000 |
| 16.0000 | 32.7680 | 76.8000 | 198.0000 |
| 16.3840 | 38.4000 | 77.5000 | 200.0000 |
| 20.4800 | 40.0000 | 100.0000 | |

Standard Calibration Tolerances

| 10.0 ~ 75.9kHz | 76.0 ~ 200kHz |
|----------------|---------------|
| ±30ppm | ±100ppm |
| ±100ppm | ±500ppm |
| ±10,000ppm | ±10,000ppm |

Ordering Information

Product name + option codes + frequency
 eg: **MX1V-ON/I 153.60kHz ±100ppm** -40+85°C
MX1V-TK/M 153.60kHz ±500ppm -55+85°C
 Option code X (eg MX1V-TS/X) denotes a custom spec.

- ◆ SM version available on T&R - 2k or 5k pcs per reel.
- ◆ Refer to our website for T&R and soldering details.