



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.