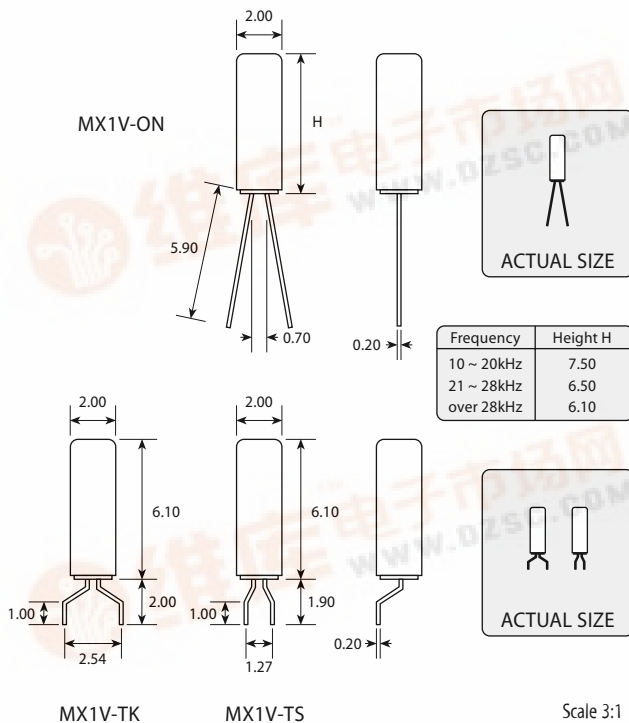
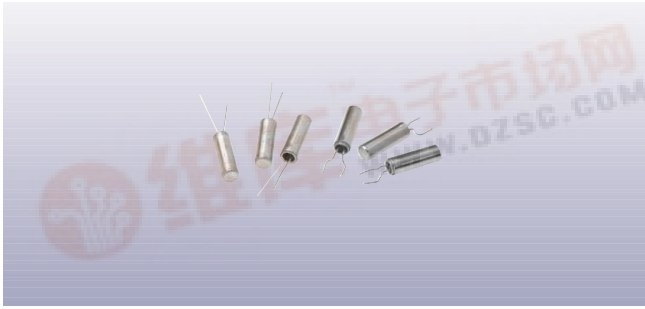


Low Frequency Cylindrical Crystal

MX1V 

Scale 3:1

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	

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)	■	■	
Lead configuration: Straight leads Formed leads, 2.54mm pitch Formed leads, 1.27mm pitch	■	■ □	N K S
Frequency range: 10.0 ~ 200kHz 28.0 ~ 200kHz	■	■	
Calibration tolerance: see table Other	■ □	■ □	specify
Operating temperature range: -40 to +85°C -55 to +85°C	■ □	■ □	I M
Storage temperature range: -55 to +125°C	■	■	
Circuit condition: 10pF Other	■ □	■ □	specify
Static capacitance (C_0): 0.7 ~ 1.5pF	■	■	
Ageing: ±3ppm max first year	■	■	
Drive level: 1.0μW max	■	■	
Shock resistance: ±5ppm max 5,000g, 0.3ms, ½ sine	■	■	
Vibration resistance: ±5ppm max, 20g, 10.0 ~ 2,000Hz	■	■	

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

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.