



SPECIFICATIONS

1 General

Part Number	Description
50M30C50	10.0MHz crystal filter, DIP package

2 Revision History

Revision	Released	Revision Detail
R1	2019-9-26	Initial release

3 Electrical Specification

Item	Typical
Nominal Frequency (Fc, MHz)	50.0
Insertion Loss (dB)	≤ 3.5
Ripple Within Pass Band (dB)	≤ 1.0
Bandwidth at -3dB (kHz)	≥ 30
Bandwidth at 40dB Attenuation (kHz)	≤ 75
Bandwidth at 60dB Attenuation (kHz)	≤ 100
Attenuation at 40MHz and 60MHz (dB)	≥ 50
I/O Impedance (Ω)	50
Operation Temperature ($^{\circ}\text{C}$)	-40 ~ 85
Storage Temperature ($^{\circ}\text{C}$)	-45 ~ +90
Package Size (mm)	38x19x10

