



SPECIFICATIONS

1 General

Part Number	Description
100M40C53	100MHz crystal filter, DIP package

2 Revision History

Revision	Released	Revision Detail
R1	2020-03-16	Initial release

3 Electrical Specification

Item	Typical
Nominal Frequency (Fc, MHz)	100.0
Insertion Loss (dB)	≤4.5
Ripple Within Pass Band (dB)	≤1.0
Bandwidth at -3dB (kHz)	≥40
Bandwidth at 40dB Attenuation (kHz)	≤100
Bandwidth at 60dB Attenuation (kHz)	≤130
Spurious Response (dB)	≤-35
I/O Impedance (Ω)	50
Operation Temperature (°C)	-20 ~ 75
Storage Temperature (°C)	-45 ~ +90
Package Size (mm)	38x19x12

