



SPECIFICATIONS

1 General

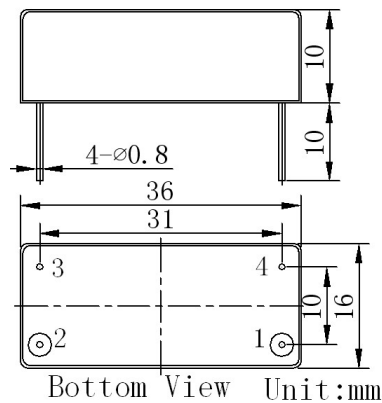
Part Number	Description
31.2M140C50	31.2MHz crystal filter, DIP package

2 Revision History

Revision	Released	Revision Detail
R1	2019-11-21	Initial release

3 Electrical Specification

Item	Typical
Nominal Frequency (Fc, MHz)	31.2
Bandwidth at -3dB (kHz)	140
Insertion Loss (dB)	5.0
Ripple within Pass band (dB, Operation -40 ~ +85)	1.0
Ripple within Pass band (dB, Operation -45 ~ +85)	2.0
Bandwidth at -44dB Attenuation (kHz)	450
Bandwidth at -60dB Attenuation (kHz)	650
Group Delay Variance (us, Fc±55kHz)	3
Spurious Response (dB, Fc±5MHz)	< -45
I/O Impedance (Ω)	1800
Suggested Operation Temperature (°C)	-40 ~ +85
Storage Temperature (°C)	-55 ~ +85
Package Size (mm)	36x16x10



Pin No.	Description
1	Input/Output
2	Output/Input
3, 4	Ground