



SPECIFICATIONS

1 General

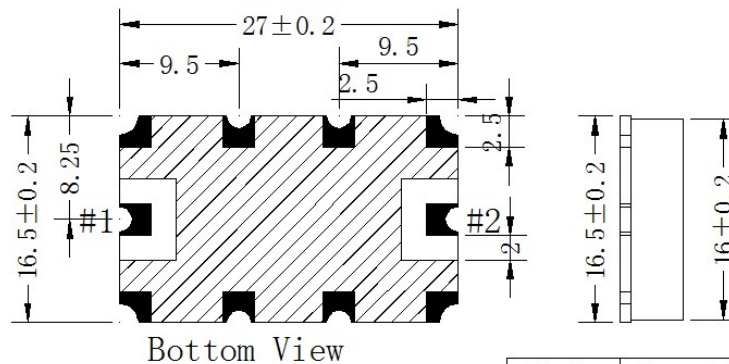
Part Number	Description
70T73B50	70MHz Crystal filter, SMD package

2 Revision History

Revision	Released	Revision Detail
R1.0	2021-9-8	Initial Release
R1.1	2021-10-27	Band width and Attenuation Amended

3 Electrical Specification

Item	Typical
Nominal Frequency (Fc, MHz)	70
Insertion Loss (dB)	≤ 4.0
Bandwidth at -6dB (kHz)	$\geq 73 \pm 5$
Attenuation (dBc, at Fc ± 50 kHz)	≥ 20
Attenuation (dBc, at Fc ± 250 kHz, ± 500 kHz, ± 1 MHz)	≥ 60
Ripple Within Pass Band (dB, -40°C~+80°C)	≤ 1.0
Ripple Within Pass Band (dB, -55°C~+85°C)	≤ 2.0
BW60dB/BW3dB	≤ 3
Group Delay Variance (us, Fc ± 25 kHz)	8
Operation Temperature (°C)	-55 ~ +85
Storage Temperature (°C)	-55 ~ +90
Package Size (mm)	27x16.5x5



Pin No.	Description
1	Input/Output
2	Output/Input
Others	Ground

Unit:mm