



SPECIFICATIONS

1 General

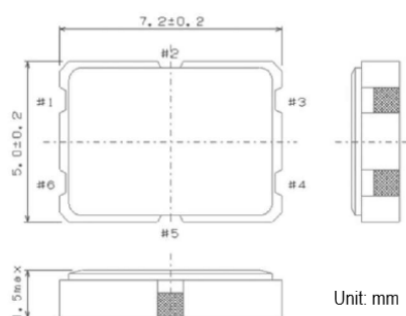
Part Number	Description
50.85M12B	50.85MHz Grystal filter, SMD package

2 Revision History

Revision	Released	Revision Detail
R1	2019-9-19	Initial release

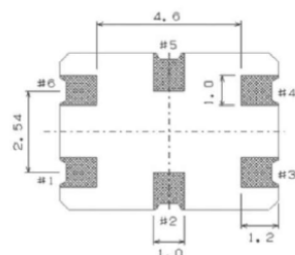
3 Electrical Specification

Item	Typical
Nominal Frequency (Fc, MHz)	50.85
Insertion Loss (dB)	≤ 3.0
Ripple Within Pass Band (dB)	≤ 1.0
Bandwidth at -3dB (kHz)	$\geq \pm 6$
Stop bandwidth at 15 dBc Attenuation (kHz)	$\leq \pm 12.5$
Spurious (dB)	≤ 40
Guaranteed attenuation at fo-910kHz (dB)	≤ 80
Maximum input level (dBm)	-10
Terminating impedance (Ω //pF)	$600 \pm 10\% / 4.0 \pm 0.5$
Insulation resistance at DC 100V (M Ω)	500
Operation Temperature ($^{\circ}\text{C}$)	-20 ~ +70
Storage Temperature ($^{\circ}\text{C}$)	-35 ~ +85
Package Size (mm)	7.2x5.0x1.5



Pin Connections

- Pin #1 - Input
- Pin #2 - GND
- Pin #3 - GND
- Pin #4 - Output
- Pin #5 - GND
- Pin #6 - GND



Recommended Pads

