



SPECIFICATIONS

1 General

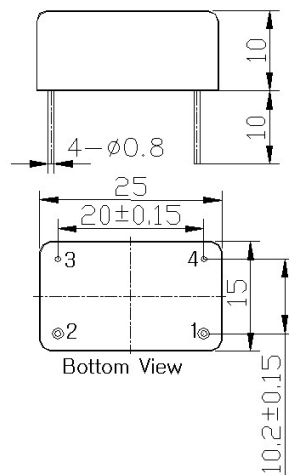
Part Number	Description
44M25B50	44MHz crystal filter, DIP package

2 Revision History

Revision	Released	Revision Detail
R1	2019-9-11	Initial release

3 Electrical Specification

Item	Typical
Nominal Frequency (Fc, MHz)	44
Insertion Loss (dB)	≤ 3.0
Ripple Within Pass Band (dB)	≤ 1.0
Bandwidth at -3dB (kHz)	≥ 25
Bandwidth at 40dB Attenuation (kHz)	≤ 100
Bandwidth at 50dB Attenuation (kHz)	$\pm 100 \sim \pm 500$
Ultimate Rejection (dB)	50
I/O Impedance (Ω)	50
VSWR	2.0
Operation Temperature ($^{\circ}\text{C}$)	$-40 \sim +80$
Storage Temperature ($^{\circ}\text{C}$)	$-45 \sim +85$
Package Size (mm)	25x15x10



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

Unit:mm