



SPECIFICATIONS

1 General

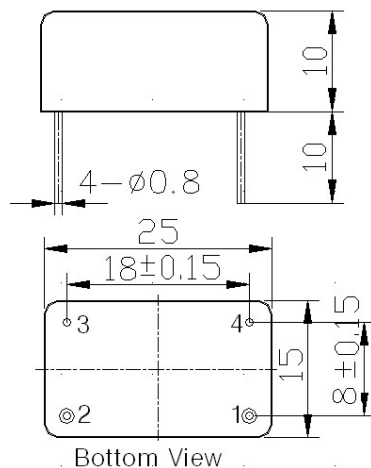
Part Number	Description
122.4M60B50	122.4MHz crystal filter, DIP package

2 Revision History

Revision	Released	Revision Detail
R1	2020-06-18	Initial release

3 Electrical Specification

Item	Typical
Nominal Frequency (Fc, MHz)	122.4MHz
Insertion Loss (dB)	<3.5
Ripple within Pass band (dB)	<0.5
Bandwidth at -3dB (kHz)	$\geq \pm 30\text{kHz}$
Bandwidth at -6dB (kHz)	$\leq \pm 60\text{kHz}$
Bandwidth with Attenuation 30dB	$\leq \pm 120\text{kHz}$
Bandwidth with Attenuation 40dB	Fc-170kHz~Fc+150kHz
Group Delay Variance (us) at $\pm 35\text{kHz}$	≤ 2.5
Group Delay Absolute (us) at 122.4MHz	10 $\pm$ 2.0
Ultimate Rejection (dB, Fc $\pm$ 2MHz)	≥ 70
Spurious Rejection (dBc)	≥ 50
I/O Impedance (Ω)	50
Maximum Input Power Level (dBm)	0
Operation Temperature ($^{\circ}\text{C}$)	-40 ~ +70
Storage Temperature ($^{\circ}\text{C}$)	-55 ~ +85
Package Size (mm)	25x15x10



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

Unit:mm