

# MULTI-LAYER DIELECTRIC FILTER



3.2 x 1.6 x 1.2mm

ADFC13 Series

\* RoHS COMPLIANT

## STANDARD SPECIFICATIONS:

### ADFC13-1906.50 - A

CHARACTERISTICS	UNIT	TYP.
Center Frequency Fc	MHz	1906.50
Bandwidth	MHz	+/-13.5
Insertion Loss	dB	≤0.9
Ripple	dB	≤0.5
V.S.W.R.	BW	≤2.0
Relative Attenuation		
1425 ~ 1440 MHz	dB	≥38
1649 ~ 1660 MHz	dB	≥10
3786 ~ 3840 MHz	dB	≥25

### ADFC13-1906.50 - B

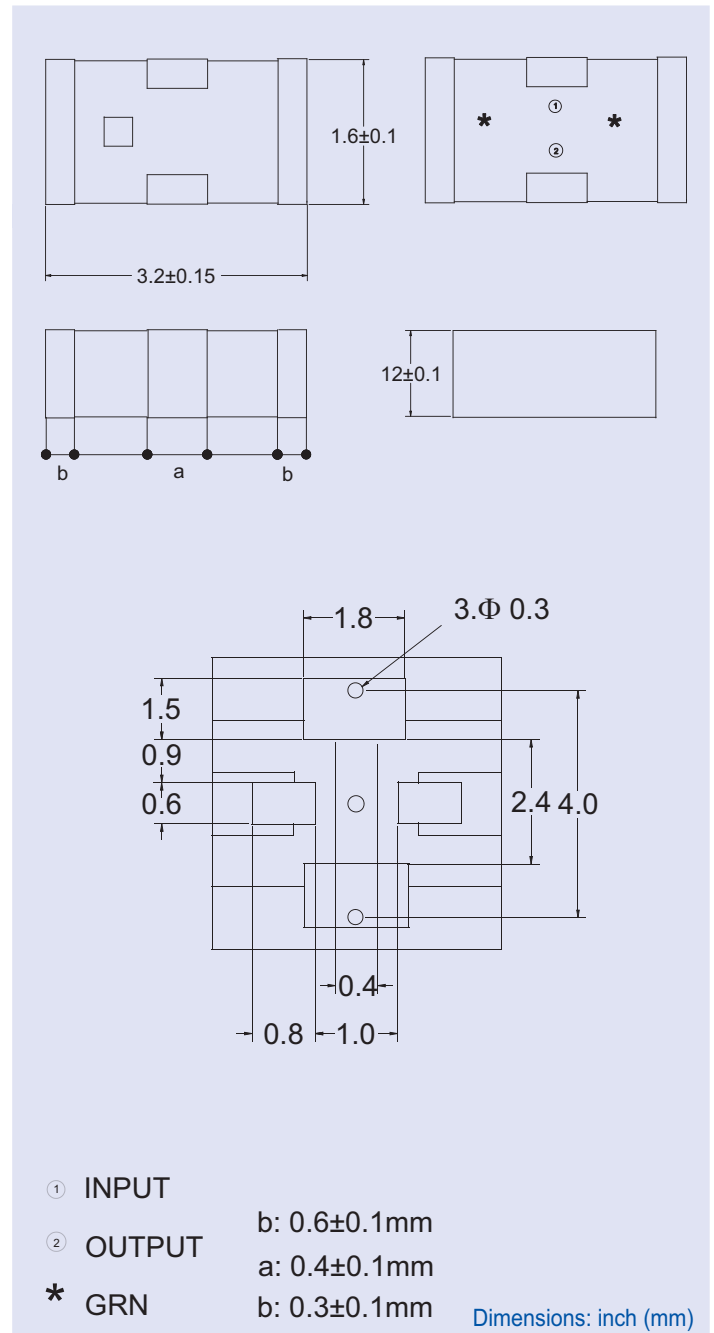
CHARACTERISTICS	UNIT	TYP.
Center Frequency Fc	MHz	1906.50
Bandwidth	MHz	+/-13.5
Insertion Loss	dB	≤1.4
Ripple	dB	≤0.5
V.S.W.R.	BW	≤2.0
Relative Attenuation		
1405 ~ 1440 MHz	dB	≥40
1649 ~ 1680 MHz	dB	≥10
3786 ~ 3840 MHz	dB	≥24
5679 ~ 5760 MHz	dB	≥20

### ADFC13-2450 - C

CHARACTERISTICS	UNIT	TYP.
Center Frequency Fc	MHz	2450
Bandwidth	MHz	+/-50.0
Insertion Loss	dB	≤1.4
Ripple	dB	≤0.6
V.S.W.R.	BW	≤2.0
Relative Attenuation		
902 ~ 928 MHz	dB	≥30
1500 ~ 1550 MHz	dB	≥35
2050 ~ 2100 MHz	dB	≥6
4800 ~ 5000 MHz	dB	≥20

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Impedance @ Input/Output	50Ω
Reliability (MTBF)	1x10 <sup>-6</sup> /pc.hr

## OUTLINE DRAWING:



## PACKAGING: -T= Tape and Reel (1,000pcs/reel)