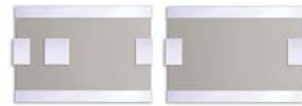


# MULTI-LAYER DIELECTRIC FILTER



4.5 x 3.2 x 1.5mm

ADFC43 Series

\* RoHS COMPLIANT

## STANDARD SPECIFICATIONS:

ADFC43-1200.00 - A			
CHARACTERISTICS	UNIT	TYP.	TOL.
Center Frequency Fc	MHz	1200.00	*+/-2.0
Bandwidth	MHz	+/-250.0	*+/-1.0
Insertion Loss	dB	≤2.0	*+/-0.5
Ripple	dB	≤1.5	≤0.5
V.S.W.R.	BW	≤2.2	*+/-0.2
Relative Attenuation			
1650 ~ 2150 MHz	dB	≥17	*+/-0.2

ADFC43-1900.00 - C			
CHARACTERISTICS	UNIT	TYP.	TOL.
Center Frequency Fc	MHz	1900.00	*+/-2.0
Bandwidth	MHz	+/-250.0	*+/-1.0
Insertion Loss	dB	≤2.0	*+/-0.5
Ripple	dB	≤1.5	≤0.5
V.S.W.R.	BW	≤2.2	*+/-0.2
Relative Attenuation			
950 ~ 1450 MHz	dB	≥25	*+/-0.2

ADFC43-1527.00 - B			
CHARACTERISTICS	UNIT	TYP.	TOL.
Center Frequency Fc	MHz	1527.00	*+/-2.0
Bandwidth	MHz	+/-42.0	*+/-1.0
Insertion Loss	dB	≤3.0	*+/-0.5
Ripple	dB	≤1.0	*+/-0.5
V.S.W.R.	BW	≤2.0	*+/-0.2
Relative Attenuation			
742 ~ 785 MHz	dB	≥35	*+/-0.2
902 ~ 929 MHz	dB	≥30	*+/-0.2
2226 ~ 2355 MHz	dB	≥40	*+/-0.2

ADFC43-1400.00 - D			
CHARACTERISTICS	UNIT	TYP.	TOL.
Center Frequency Fc	MHz	1400.00	*+/-2.0
Bandwidth	MHz	+/-20.0	*+/-1.0
Insertion Loss	dB	≤2.5	*+/-0.5
Ripple	dB	≤1.0	*+/-0.5
V.S.W.R.	BW	≤2.0	*+/-0.2
Relative Attenuation			
1000 ~ 1050 MHz	dB	≥35	
1650 ~ 1700 MHz	dB	≥30	

\*Post Environmental Tolerance

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

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

## OUTLINE DRAWING:

