

MULTI-LAYER DIELECTRIC FILTER

ADFC23 SERIES

RoHS
Compliant



3.2 x 2.5 x 1.5mm

STANDARD SPECIFICATIONS:

ADFC23-1890.00 - A

CHARACTERISTICS	UNIT	TYP.	TOL.
Center Frequency Fc	MHz	1890.00	*+/-2.0
Bandwidth	MHz	+/-10.0	*+/-1.0
Insertion Loss	dB	≤2.0	*+/-0.5
Ripple	dB	≤0.5	≤0.5
V.S.W.R.	BW	≤2.0	*+/-0.2
Relative Attenuation			
1660 ~ 1680 MHz	dB	≥24	*+/-2.0
@ 3800 MHz	dB	≥32	*+/-2.0
@ 5700 MHz	dB	≥24	*+/-2.0

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

*Post Environmental Tolerance

ADFC23-2450.00 - B

CHARACTERISTICS	UNIT	TYP.	TOL.
Center Frequency Fc	MHz	2450.00	*+/-2.0
Bandwidth	MHz	+/-13.5	*+/-1.0
Insertion Loss	dB	≤1.8	*+/-0.5
Ripple	dB	≤1.0	*+/-0.5
V.S.W.R.	BW	≤2.0	*+/-0.2
Relative Attenuation			
1440 MHz	dB	≥28	*+/-2.0
1680 MHz	dB	≥25	*+/-2.0
@ 3815 MHz	dB	≥32	*+/-2.0
@ 5720 MHz	dB	≥20	*+/-2.0

*Post Environmental Tolerance

OUTLINE DRAWING:

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

