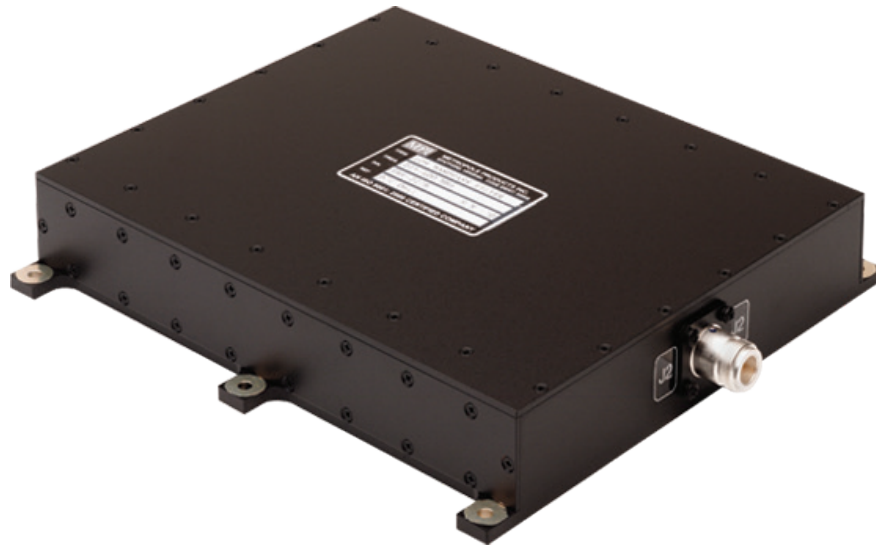




FBV-227B • UHF COMMUNICATIONS



DESCRIPTION

UHF Bandpass Filter provides a very low loss, <0.5 dB, passband of 225 to 400 MHz. The unit will conservatively handle 150 W-CW, in a MIL-E-5400, Class 1-A environment.

FEATURES

- ▶ Very sharp selectivity, typically 80 dB at twice the passband width
- ▶ Various connector options

MPI METROPOLE PRODUCTS, INC
[THE FREQUENCY OF INNOVATION]

P: 540.659.2132 F: 540.659.2133

sales@metropoleproducts.com

2040 Jefferson Davis Highway, Stafford, Virginia 22554

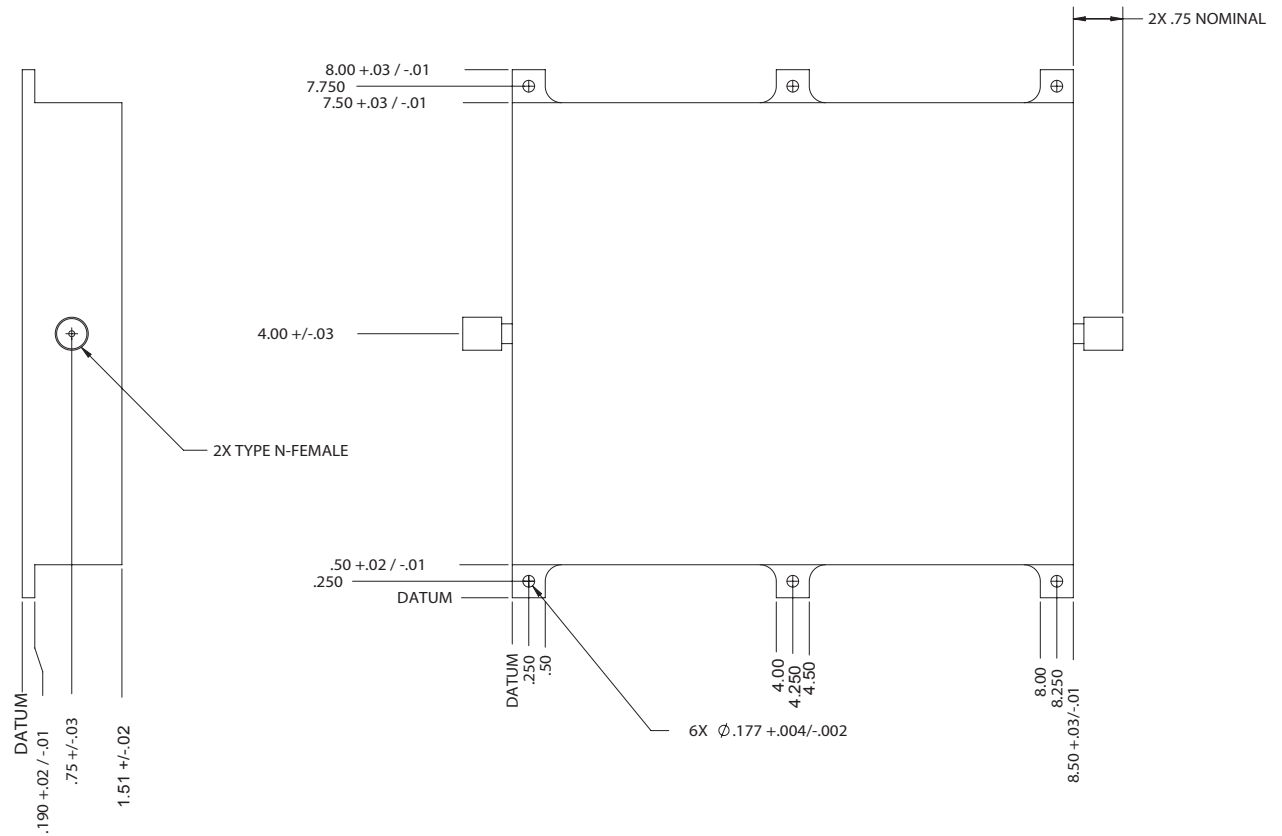
www.MetropoleProducts.com

FBV-227B

BANDPASS FILTER

UHF COMMUNICATION

HIGH SELECTIVITY



Technical Specifications

PERFORMANCE CHARACTERISTICS

Insertion Loss, 225-400MHz	0.7dB max.
Rejection: 20 dB	205, 426 MHz
32 dB	195, 434 MHz
40 dB	187, 443 MHz
50 dB	174, 452 MHz
60 db	140, 462 MHz
Ultimate Rejection:	>80dB for 0<f<120 MHz
	>80dB for 481<f<1000MHz
RF Power Handling	150W, CW, or PEP max.
Impedence	50 Ohms, nominal
VSWR (225-400 MHz)	1.5:1 max.
Connectors	Female Type N
Size, excluding connectors and mounting flanges	1.55" x 7.0" x 8.50"

Temperature, operating	-20 deg.C -60 deg.C
Non-operating	-40 deg.C -80 deg.C
Weight	4.3 lbs. max.
Environmental	Airborne, MIL-E-5400,CL1A