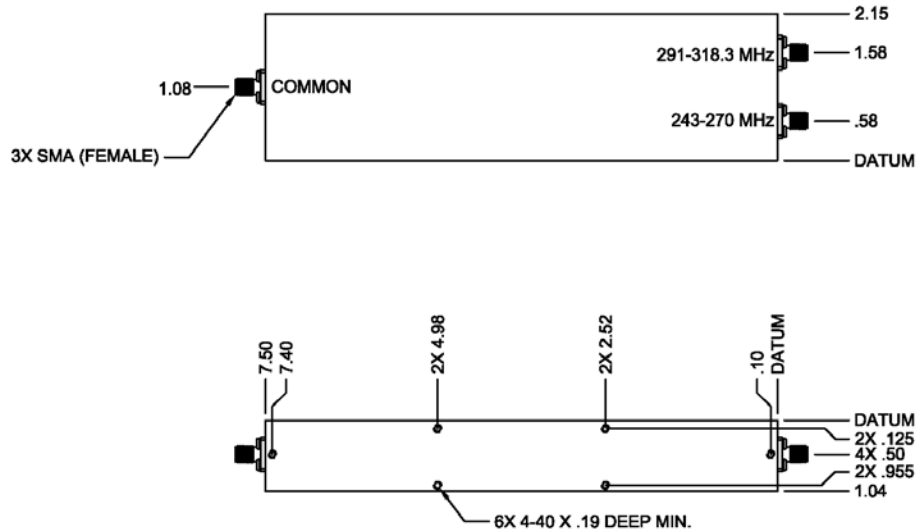




# FMA-297P1

# UHF SATCOM DIPLEXER



## ELECTRICAL SPECIFICATIONS

### RECEIVE CHANNEL CHARACTERISTICS

Passband	243-270 MHz
Insertion Loss over passband	1.4 dB max.
VSWR, over passband	1.6:1 max.
Stopband	
0-190 MHz	90 dB min.
291-300 MHz	63 dB min.
300-310 MHz	80 dB min.
310-2000 MHz	90 dB min.
Rejection, TRANS to RCVR	
150-270 MHz	45 dB min.
270-291 MHz	35 dB min.
291-350 MHz	63 dB min.

### TRANSMIT CHANNEL CHARACTERISTICS

Passband	291-318.3 MHz
Insertion Loss	
291-318.3 MHz	1.2 dB max.
298-306 MHz	1.0 dB max.
VSWR	
291-318.3 MHz	1.5:1 max.
298-306 MHz	1.3:1 max.
Input Power, maximum	120 W CW
Stopband	
0-240 MHz	85 dB min.
240-260 MHz	60 dB min.
260-270 MHz	43 dB min.
360-380 MHz	63 dB min.
380-2000 MHz	90 dB min.

## GENERAL CHARACTERISTICS

Environment	Airborne
Size	7.50" x 2.15" x 1.04"
Weight	20 oz.
Connectors	SMA (Female)

REV: 10/5/16