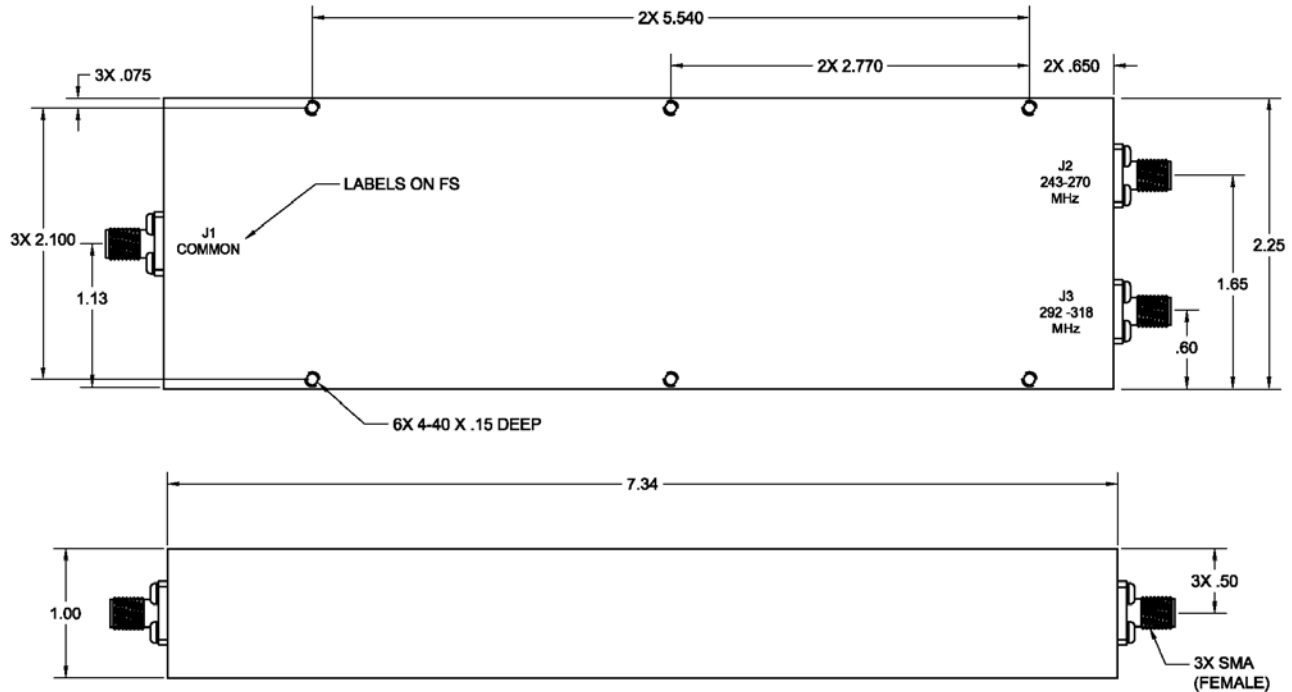




# FMA-297

# UHF SATCOM DIPLEXER



## ELECTRICAL SPECIFICATIONS

### RECEIVE CHANNEL CHARACTERISTICS

Passband	243-270 MHz	
Insertion Loss over passband	1.3 dB max.	
VSWR, over passband	1.5:1 max.	
Stopband		
0-200 MHz	90 dB min.	
200-220 MHz	60 dB min.	
292-305 MHz	70 dB min.	
305-2000 MHz	90 dB min.	
Rejection, TRANS to RCVR		
0-240 MHz	90 dB min.	
240-270 MHz	50 dB min.	
292-305 MHz	70 dB min.	
305-3000 MHz	90 dB min.	

### TRANSMIT CHANNEL CHARACTERISTICS

Passband	292-318 MHz
Insertion Loss over passband	1.0 dB max.
VSWR, over passband	1.5:1 max.
Input Power, maximum	100 W CW
Stopband	
0-235 MHz	90 dB min.
235-270 MHz	50 dB min.
350-370 MHz	60 dB min.
370-3000 MHz	90 dB min.

## GENERAL CHARACTERISTICS

Environment	Airborne
Size, excluding connectors	7.34" x 2.25" x 1.00"
Weight	24 oz.
Connectors	SMA (Female)

REV: 9/6/16