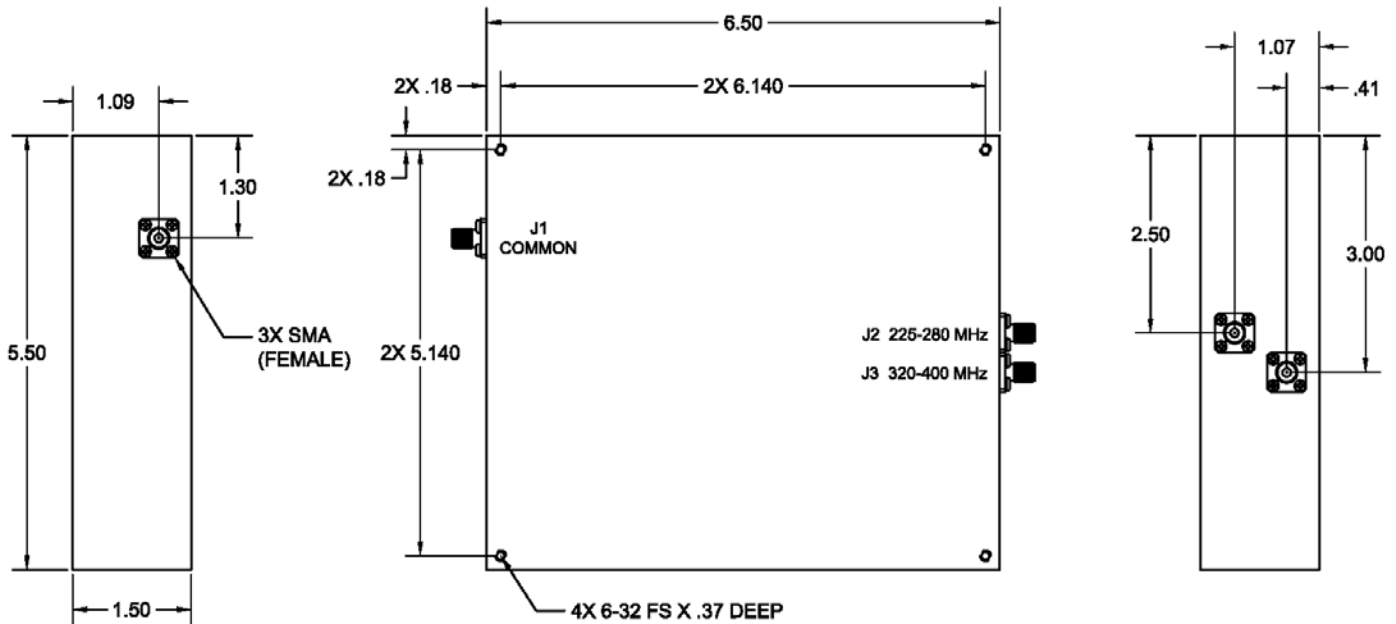




## FMA-293A

## DIPLEXER



### ELECTRICAL SPECIFICATIONS

#### J1 TO J2

BANDWIDTH@ -1 dB	225-280 MHz min.
VSWR	1.5:1 max.
Rejection	
0-150 MHz	90 dB min.
150-180 MHz	60 dB min.
315-480 MHz	70 dB min.
480-1200 MHz	85 dB min.
Isolation, J2 to J3	
0-270 MHz	90 dB min.
270-410 MHz	70 dB min.
410-1200 MHz	90 dB min.
Impedance	50 $\Omega$ nom.
Power Handling, per channel	100 W CW max.

#### J1 TO J3

Passband	320-400 MHz
Insertion Loss @ $f_0$	0.5 dB max.
Insertion Loss	1.0 dB max.
VSWR	1.5:1 max.
Input Power	100 W max.
Rejection	
0-260 MHz	90 dB min.
260-280 MHz	70 dB min.
425-440 MHz	60 dB min.
440-1200 MHz	80 dB min.

### GENERAL CHARACTERISTICS

Environment	Airborne
Temperature	-20° C to +60° C
Weight	3 lbs. max.
Size, excluding connectors	6.50" x 5.50" x 1.50"
Connectors	SMA (Female)

REV: 10/4/16