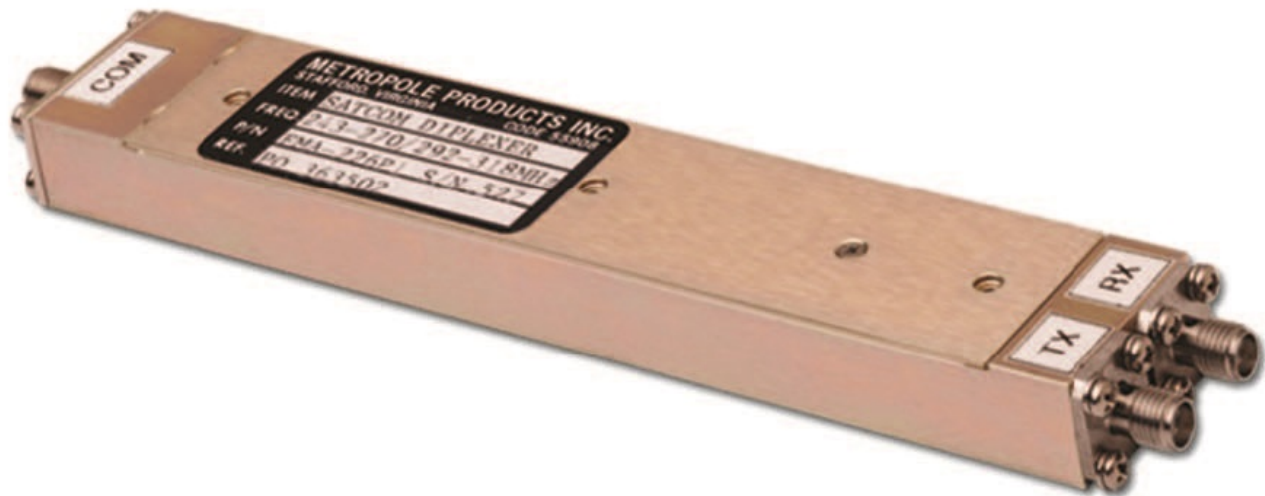




FMA-226P1

MINIATURE UHF SATCOM DIPLEXER



DESCRIPTION

UHF SATCOM Diplexer provides 25 W-CW RF power handling in a very compact form factor. Weighing less than 5 oz., this unit still provides enough isolation for full duplex operation.

FEATURES

- Small size, < 3.2 cu in. Ultimate stopband isolation > 80 dB up to 2000 MHz

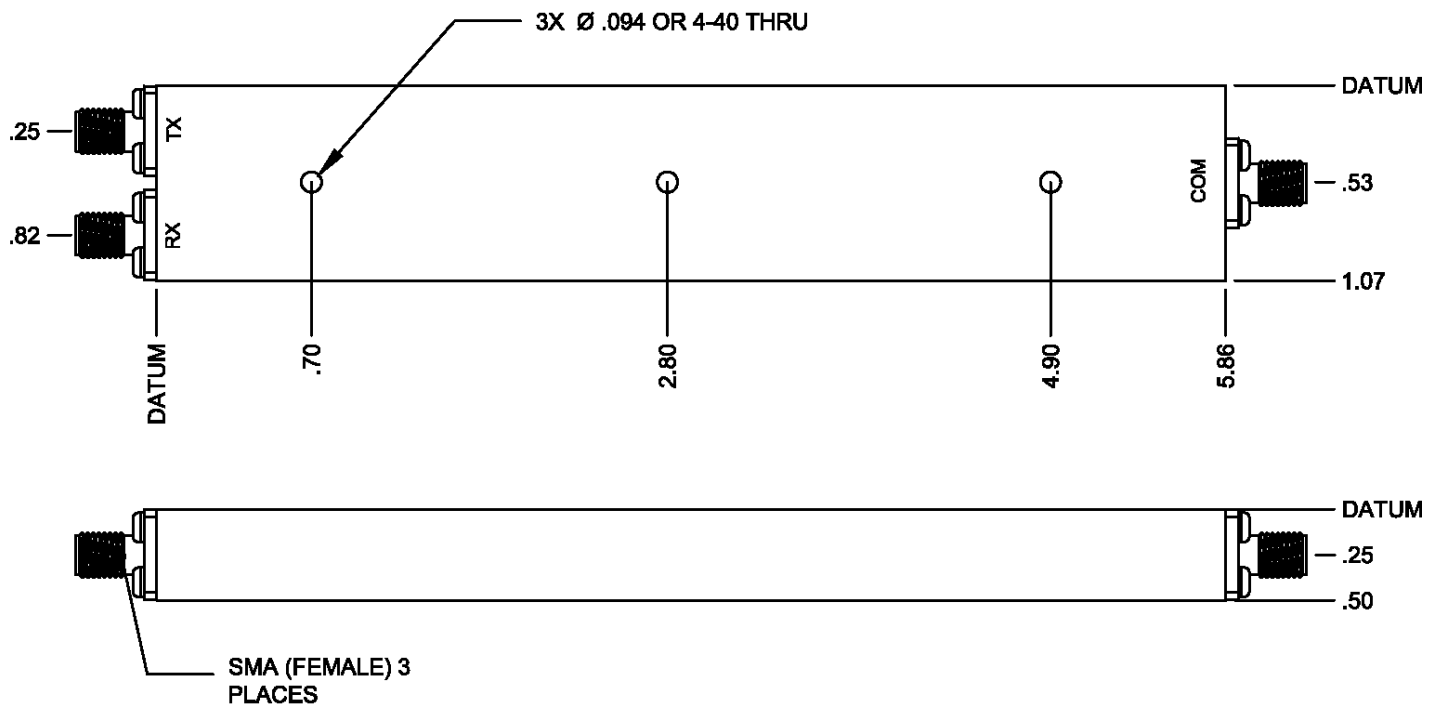
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ELECTRICAL SPECIFICATIONS

CHANNEL 1 (RECEIVE)

Passband	243-270 MHz
Loss	2.0 dB max.
VSWR	1.75:1 max.
Stopband	
0-174 MHz	80 dB min.
291-305 MHz	50 dB min.
305-315 MHz	70 dB min.
315-2000 MHz	80 dB min.

CHANNEL 2 (TRANSMIT)

Passband	291-318.3 MHz
Loss	1.7 dB max.
VSWR	1.7:1 max.
Stopband	
0-230 MHz	80 dB min.
230-250 MHz	60 dB min.
250-270 MHz	40 dB min.
400-2000 MHz	80 dB min.
Ch. 2 to Ch. 1 Isolation, 150-350 MHz	40 dB min.
RF Power Handling	25 W-CW max.

GENERAL CHARACTERISTICS

Size , excluding connectors	5.90" x 1.07" x .50"
Weight	5 oz. max.
Connectors	SMA (Female)

REV: 6/30/2016