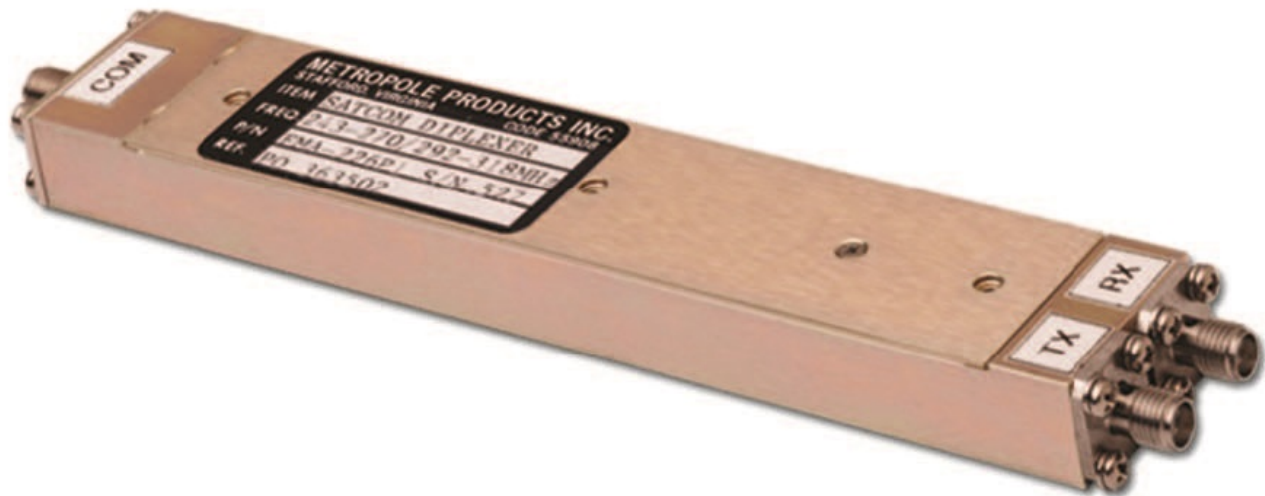




FMA-226P1

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

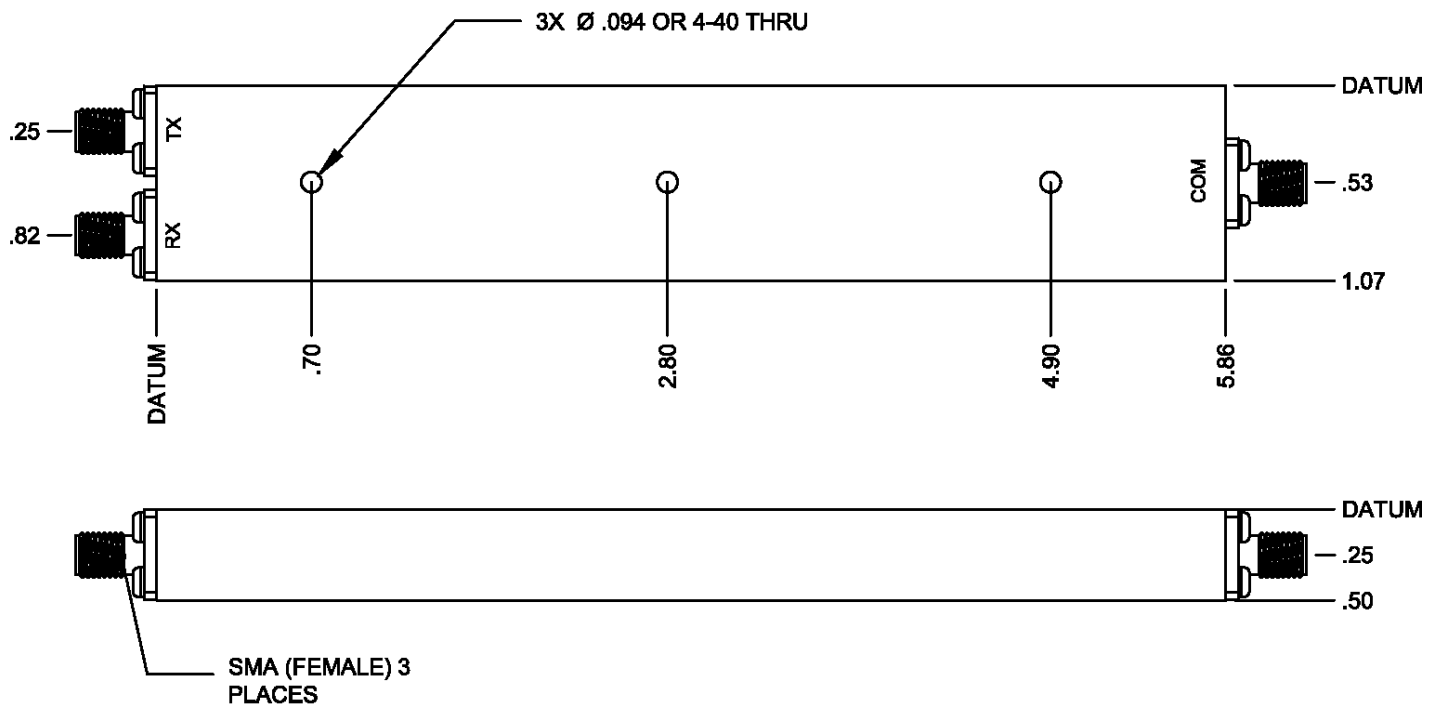
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ELECTRICAL SPECIFICATIONS

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