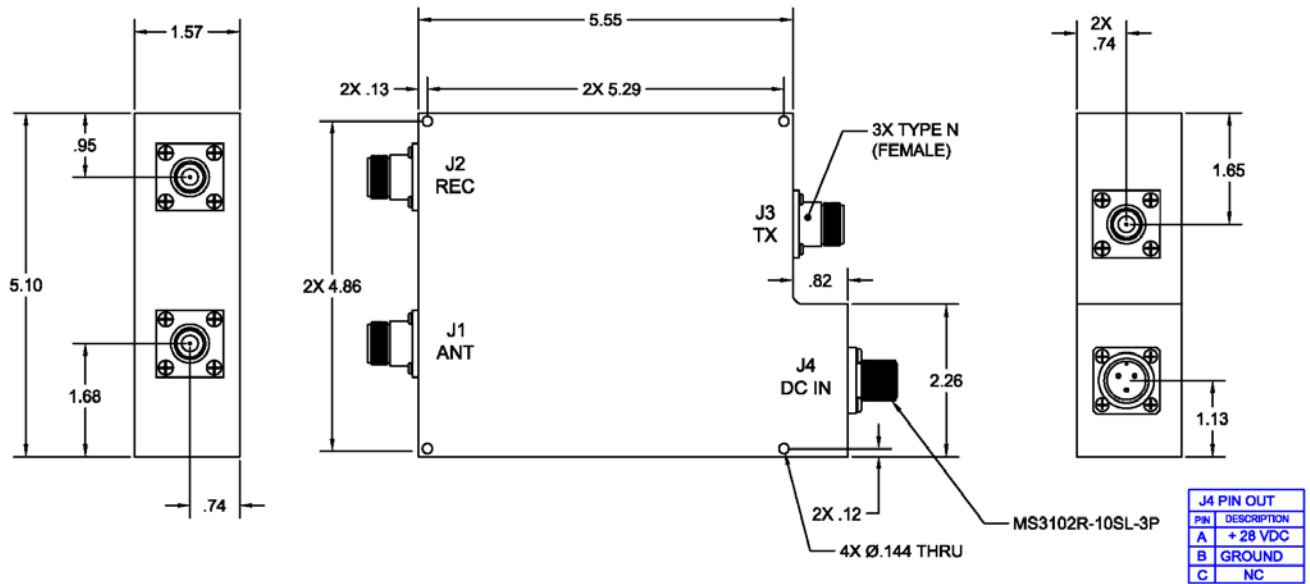




DFP-102PZ

DIPLEXER/ PREAMPLIFIER



RECEIVE CHARACTERISTICS

Bandwidth @ 1dB	243-270 MHz min.
VSWR, ANT to REC	1.6:1 max.
Rejection, ANT to REC	
0-130 MHz	60 dB min.
130-195 MHz	40 dB min.
292-310 MHz	50 dB min.
310-400 MHz	60 dB min.
Gain, 243-270 MHz	29 dB min.
Noise Figure, 243-270 MHz	2 dB max.
Input @ 1 dB gain Compression	-18 dBm min.
Input signal @ ANT (243-270 MHz)	+30 dBm max.
Intercept point, third order	+23 dBm nom.

TRANSMIT CHARACTERISTICS

Passband	291-318.3 MHz
Insertion Loss @ f ₀	0.7 dB max.
Insertion Loss over passband	1.0 dB max.
VSWR, over passband	1.5:1 max.
Input Power	+21 dBW max.
Rejection, TX to ANT	
0-220 MHz	80 dB min.
220-243 MHz	60 dB min.
243-270 MHz	40 dB min.
360-400 MHz	40 dB min.
400-500 MHz	60 dB min.
500-1000 MHz	80 dB min.

GENERAL CHARACTERISTICS

Environment	Airborne
Power	
Voltage	24-32 VDC
Current, steady state	100 mA max.
Weight	2 lbs., 8 oz.

REV. 6/1/15