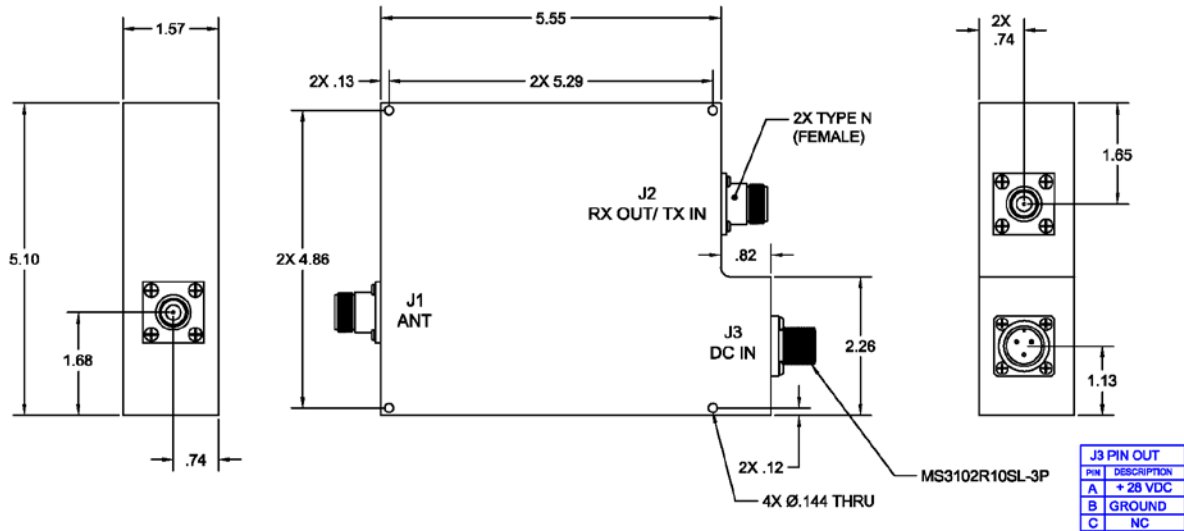




DFP-102TZ

DUAL DIPLEXER-LNA DAMA COMPATIBLE



ELECTRICAL SPECIFICATIONS

RECEIVE CHARACTERISTICS

Bandwidth @ -1.5 dB max.	243-270 MHz min.
VSWR, J1-J2	1.6:1 max.
REJECTION J1-J2	
2-220 MHz	60 dB min.
291-350 MHz	30 dB min.
350-700 MHz	75 dB min.
GAIN, 243-270 MHz	28 dB min.
Noise Figure	2.3 dB max.
Input @ 1 dB gain compression	-25 dBm min.
Input Signal @ J1, protection level, 243-270 MHz	1 W
Intercept point, third order	+21 dBm nom.

TRANSMIT CHARACTERISTICS

Bandwidth @ -1 dB	291-318.3 MHz
Insertion Loss @ f_o	0.8 dB max.
Insertion Loss over band	1.0 dB max.
VSWR over 291-318.3 MHz	1.4:1 max.
RF Input Power, CW	140 W max.
Rejection J2-J1	
2-225 MHz	75 dB min.
225-270 MHz	50 dB min.
360-400 MHz	50 dB min.
400-1000 MHz	65 dB min.

GENERAL CHARACTERISTICS

Environmental	Airborne
Weight	2 lb. 10 oz.
DC Power	+22 to +32 VDC, 90 mA nom.
CONNECTORS	
J1 (ANT) and J2 (R/T)	Type N
J3 (DC)	M3102R10SL-3P

REV: 12/19/16