



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1164-1301 MHz/1525-1612 MHz Cavity Duplexer

Part Number: AD1232-1568D405



Electrical Specifications

PB1 (Rx) Band: 1164-1301 MHz
PB2 (Tx) Band: 1525-1612 MHz
Insertion Loss: 1.0 dB Max
Return Loss: 10 dB Min
Isolation: ≥40 dB @ 11164-1301, 1525-1612 MHz
Rx Rejection: ≥60 dB @ 1700 MHz
Tx Rejection: ≥60 dB @ 1000, 1700 MHz
Power Handling: 30 W

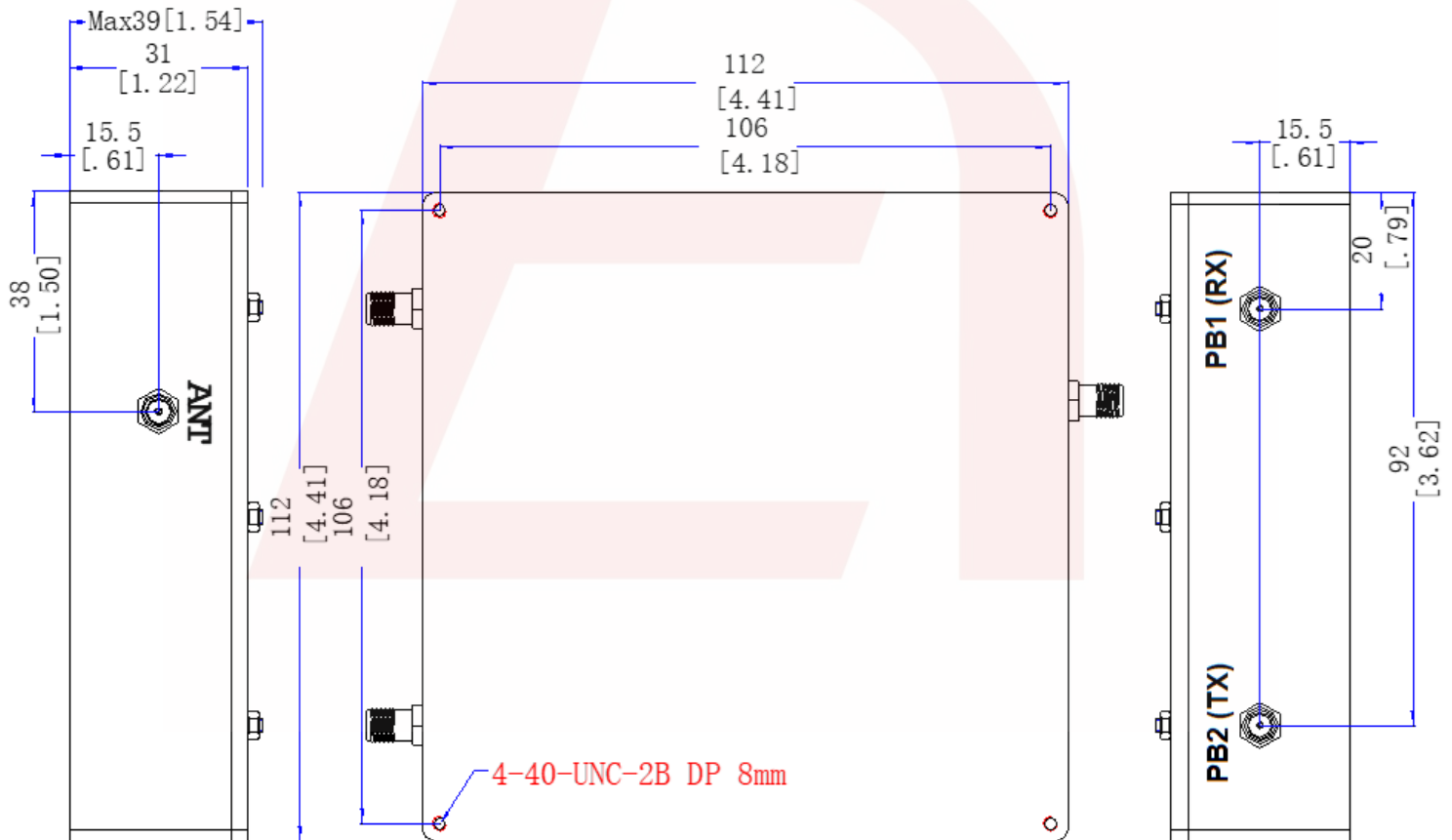
Mechanical

Connector Type: SMA (F)
Dimensions: 4.41 x 4.41 x 1.54 Inches
 112 x 112 x 39 mm

Environmental

Operating Temperature: -40 to +85° C
Storage Temperature: -50 to +95° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

DS-D405-10132015-Rev1



Response Plot:

RX:



TX:

