



# CMD230

## PCS Duplexer

Revision 2, 12/20/2002

### Receive Channel

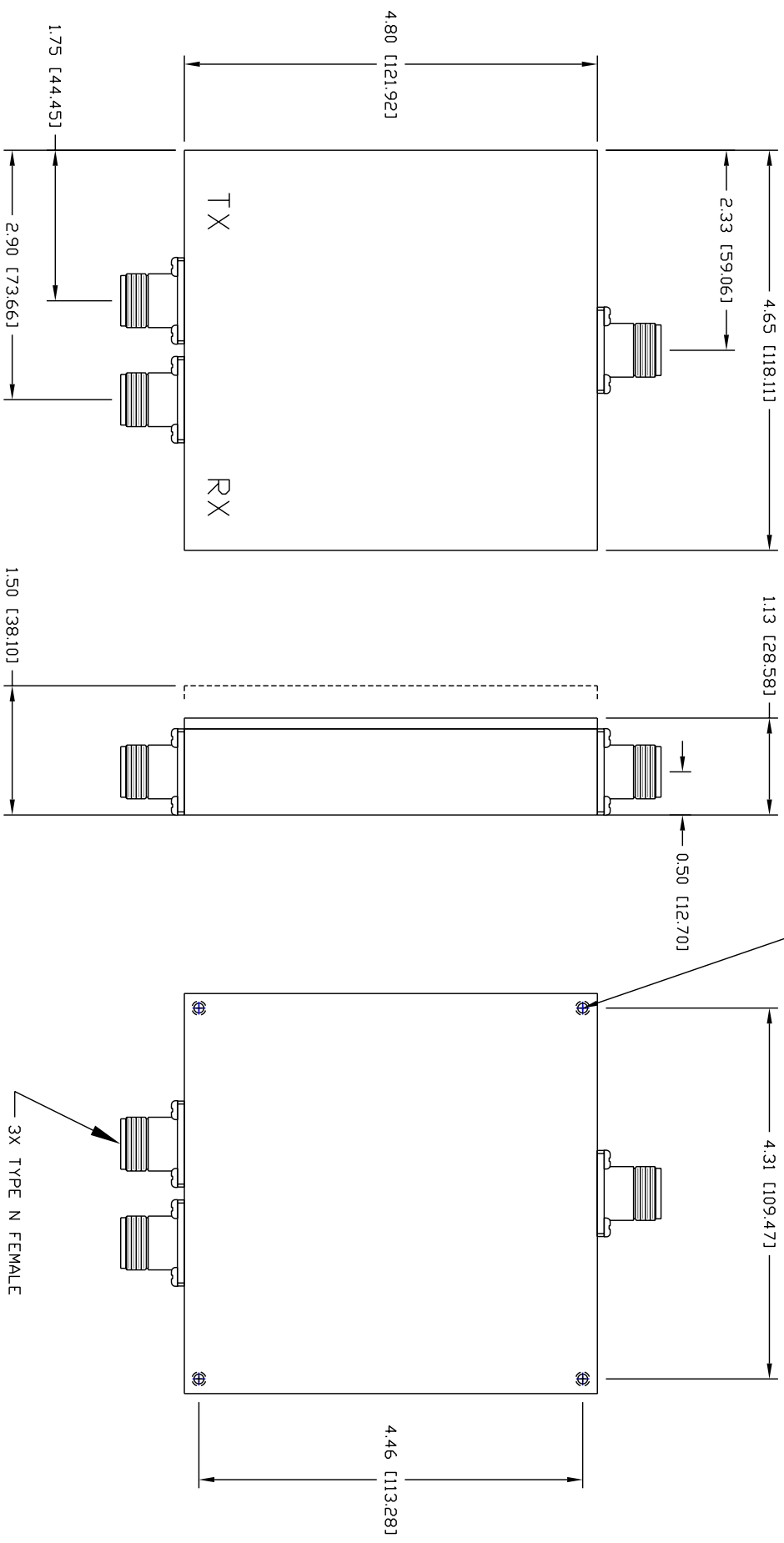
Passband: 1850 - 1910 MHz  
Insertion Loss: 1.0 dB max.  
Flatness: 0.6 dB max.  
Return Loss: 15.0 dB min.  
Rejection:  
    DC – 1825 MHz 50 dB min  
    1930 - 4000 MHz 70 dB min  
Isolation Tx to Rx: 70 dB min.

### Transmit Channel

Passband: 1930 - 1990 MHz  
Insertion Loss: 1.0 dB max.  
Flatness: 0.6 dB max.  
Return Loss: 15.0 dB min.  
Rejection:  
    DC – 1910 MHz 70 dB min  
    2015 - 4000 MHz 50 dB min.  
Isolation Rx to Tx: 70 dB min.  
Power: 200 Watts CW Ave.  
2000 Watts PIP

Heat sinking: Unit Will Require Proper Heat Sinking.  
Forced Air Not Required But Is highly  
Recommended.  
Connectors: Type N Female All Ports  
Low IMD UG58AU or Equivalent  
Finish: Unpainted Silver  
Dimensions: Per OL-CMD230 Rev. 5  
Operation Temp: 0° to +65°C  
Storage Temp: -20° to +85°C

4X 8-32 UNC-2B X 0.40 T



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TOLERANCES:

.XX: ± .01
.XXX: ± .005
.XXXX: ± .0005
ANGLES: ± 1°

SIZE	DWG NO.	REV
A	OUTLINE	5
CAGE:	1SCX4	SHEET 1 OF 1