



# CMD106 GSM Duplexer

Revision 2, 2/08/03

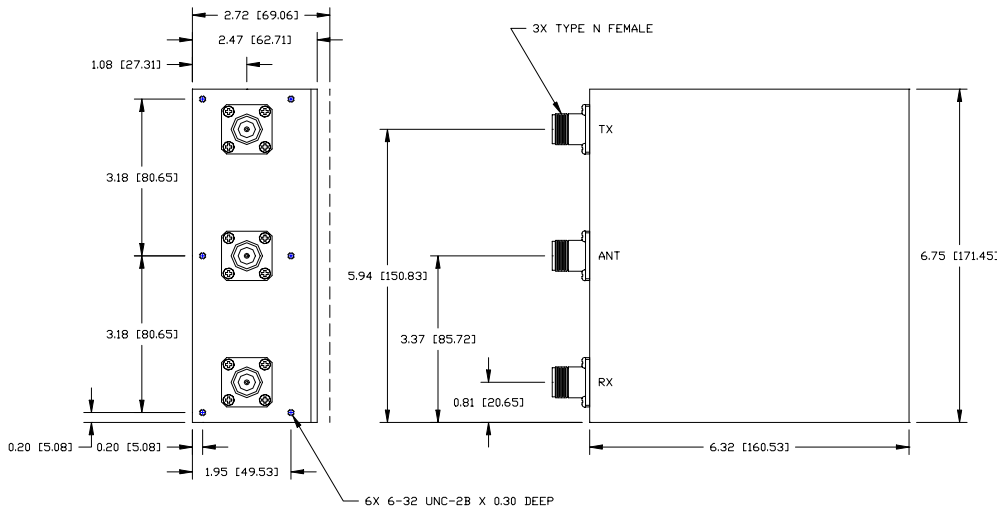
**Receive Channel**

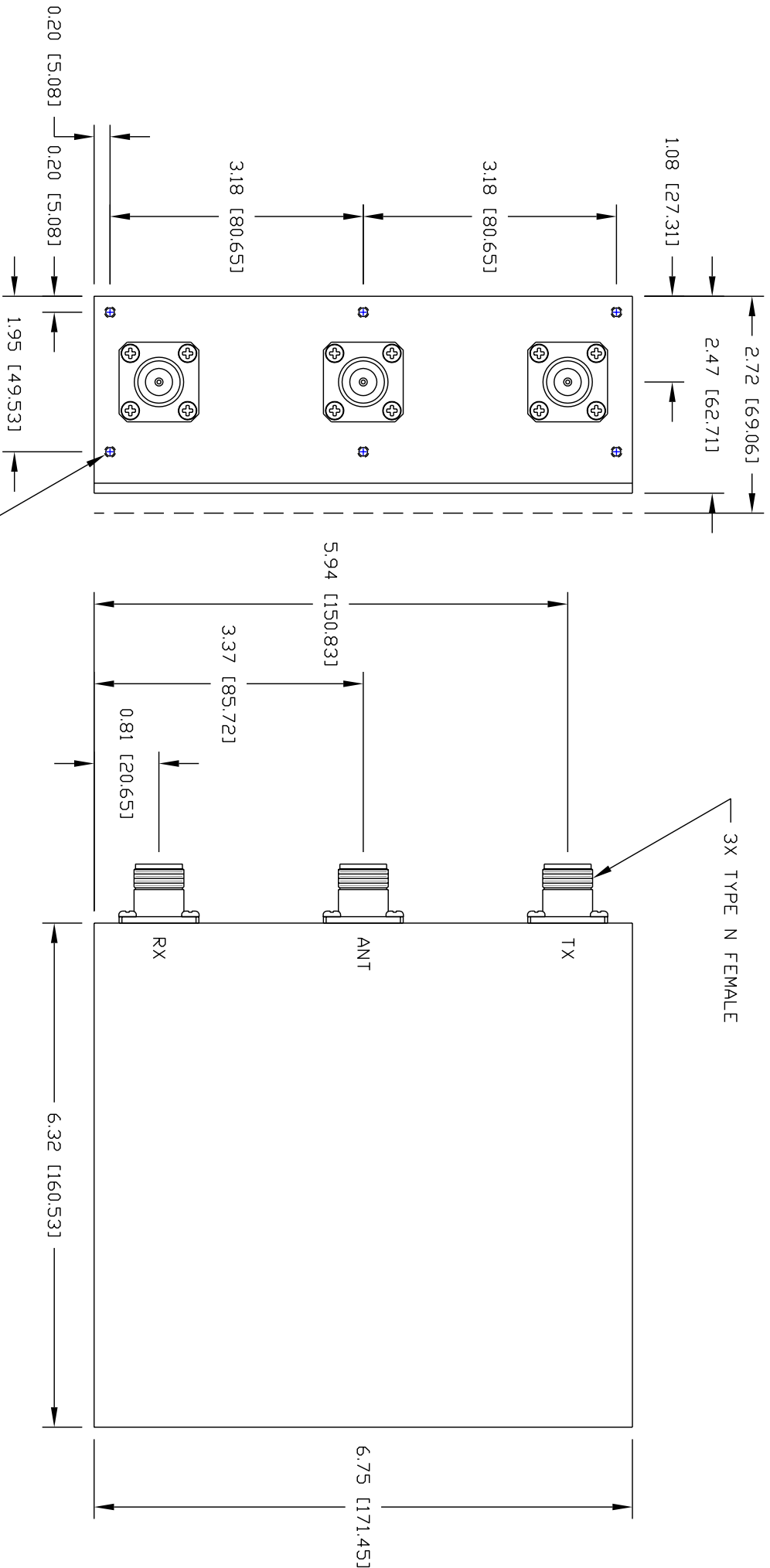
**Passband:** 890 – 915 MHz  
**Insertion Loss:** 1.0 dB max.  
**Return Loss:** 18.0 dB min.  
**Rejection:**  
 DC – 845 MHz 40 dB min  
 935 – 2000 MHz 90 dB min.  
**Isolation Tx to Rx:** 90 dB min.

**Transmit Channel**

**Passband:** 935 – 960 MHz  
**Insertion Loss:** 1.0 dB max.  
**Return Loss:** 18.0 dB min.  
**Rejection:**  
 DC – 915 MHz 90 dB min.  
 995 – 2000 MHz 40 dB min.  
**Isolation Rx to Tx:** 90 dB min.  
**Power:** 200 Watts CW  
 2000 Watts Peak

**Operation Temp:** 0° to +60°C  
**Storage Temp:** -40° to +85°C





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DRAWN:	MJS	07/05/2002
ENG:		
RELEASED:		

TOLERANCES:

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

SIZE	DWG NO.	REV
A	OUTLINE CMD106	2
CAGE:	1SCX4	SHEET 1 OF 1