



CMD157

AMPS Duplexer

Revision 1, January 31, 2003

Receive Channel

Passband: 824 – 849 MHz
Insertion Loss: 1.0 dB max.
Return Loss: 15.0 dB min.
Rejection:
 DC – 750 MHz 75 dB min
 869 – 894 MHz 110 dB min.
 894 – 2000 MHz 75 dB min.
Isolation Tx to Rx: 110 dB min.

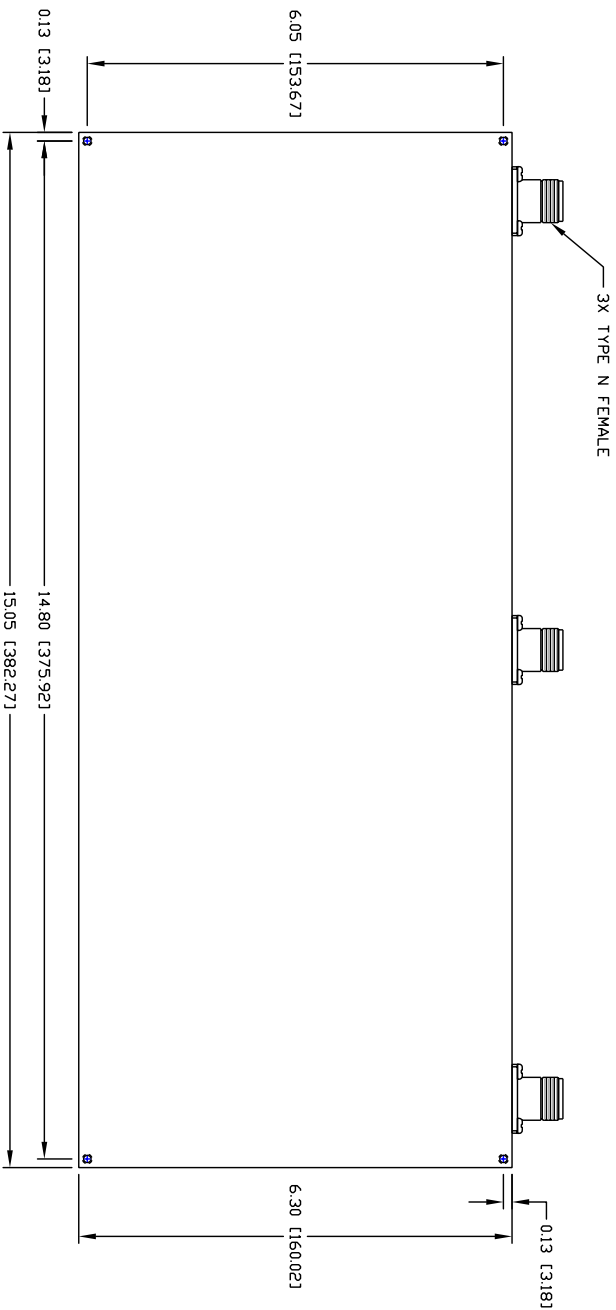
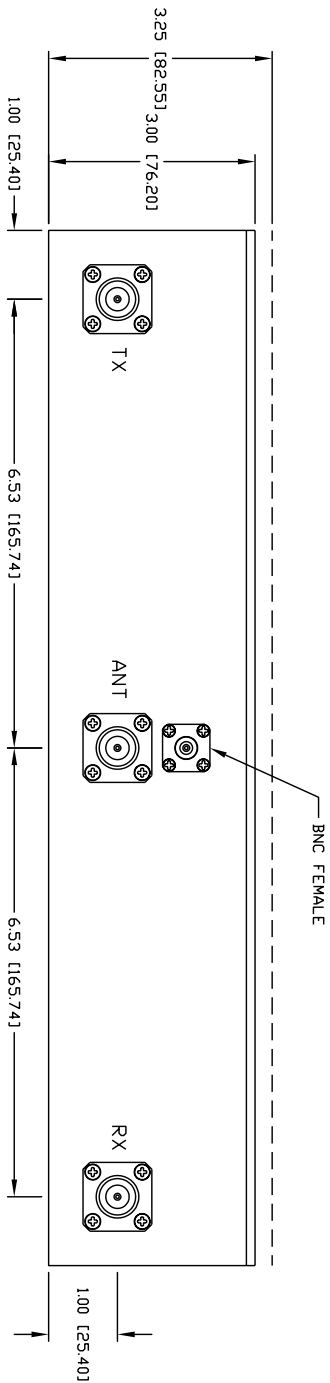
Transmit Channel

Passband: 869 – 894 MHz
Insertion Loss: 1.0 dB max.
Return Loss: 15.0 dB min.
Rejection:
 DC – 849 MHz 110 dB min.
 968 – 2000 MHz 75 dB min.
Isolation Rx to Tx: 110 dB min.
Power: 500 Watts CW
10,000 Watts PIP

Antenna Port Coupling

-50 dB +/- 3 dB non-directional

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



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DRAWN:	MJS	07/05/2002
ENG:		
RELEASED:	MJS	09/18/2002

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

SIZE	DWG NO.	REV
A	OUTLINE CMD157	2
CAGE:	1SCX4	SHEET 1 OF 1