



CMD343

E AMPS Duplexer

824 – 894 MHz

Revision 1, February 5, 2003

Receive Channel

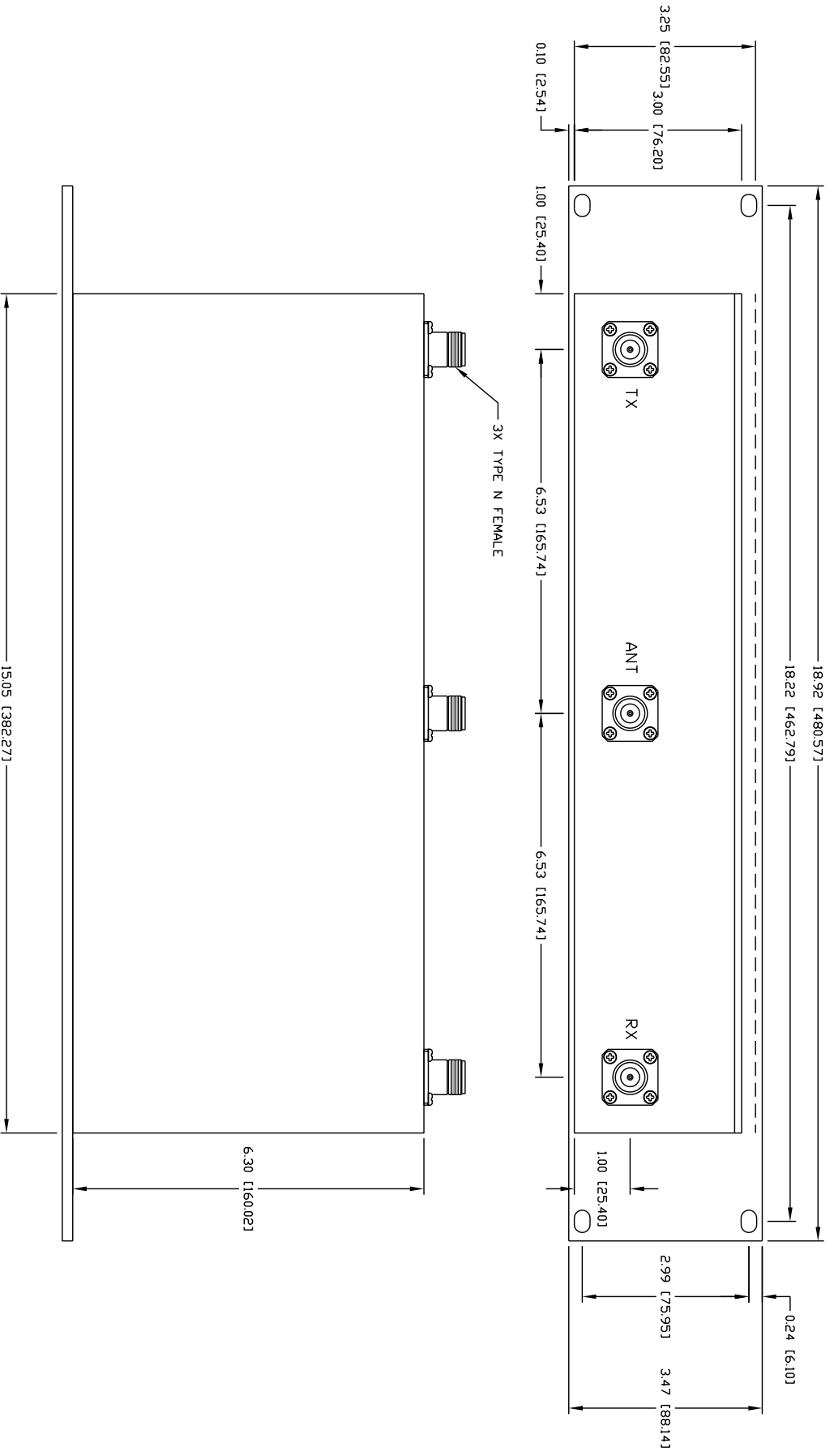
Passband: 824 – 849 MHz
Bandwidth: 25 MHz
Freq. Spacing: 45 MHz
Insertion Loss: 1.0 dB max.
VSWR: 1.50:1 max.
RX Noise Suppression Below RX Band:
DC – 750 MHz 60 dB min
RX Isolation at TX Freq:
869 – 894 MHz 60 dB min.
894 – 2000 MHz 60 dB min.
Isolation Tx to Rx: 60 dB min.
Power: 10,000 P

Transmit Channel

Passband: 869 – 894 MHz
Bandwidth: 25 MHz
Freq. Spacing: 45 MHz
Insertion Loss: 1.0 dB max.
VSWR: 1.50:1 max.
TX Noise Suppression at RX:
DC – 849 MHz 60 dB min.
TX Noise Suppression Above TX Band:
968 – 2000 MHz 60 dB min.
Isolation Rx to Tx: 60 dB min.
500 Watts CW
Watts IP

*Optional Antenna Port Coupling
-50 dB +/- 3 dB non-directional

Operation Temp: -30° to +60°C
Storage Temp: -40° to +85°C



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DRAWN:	MJS	02/05/2003
ENG:		
RELEASED:	MJS	02/05/2003

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

SIZE	DWG NO.	REV
A	OUTLINE CMD343	1
CAGE:	1SCX4	SHEET 1 OF 1