



CMN538-20

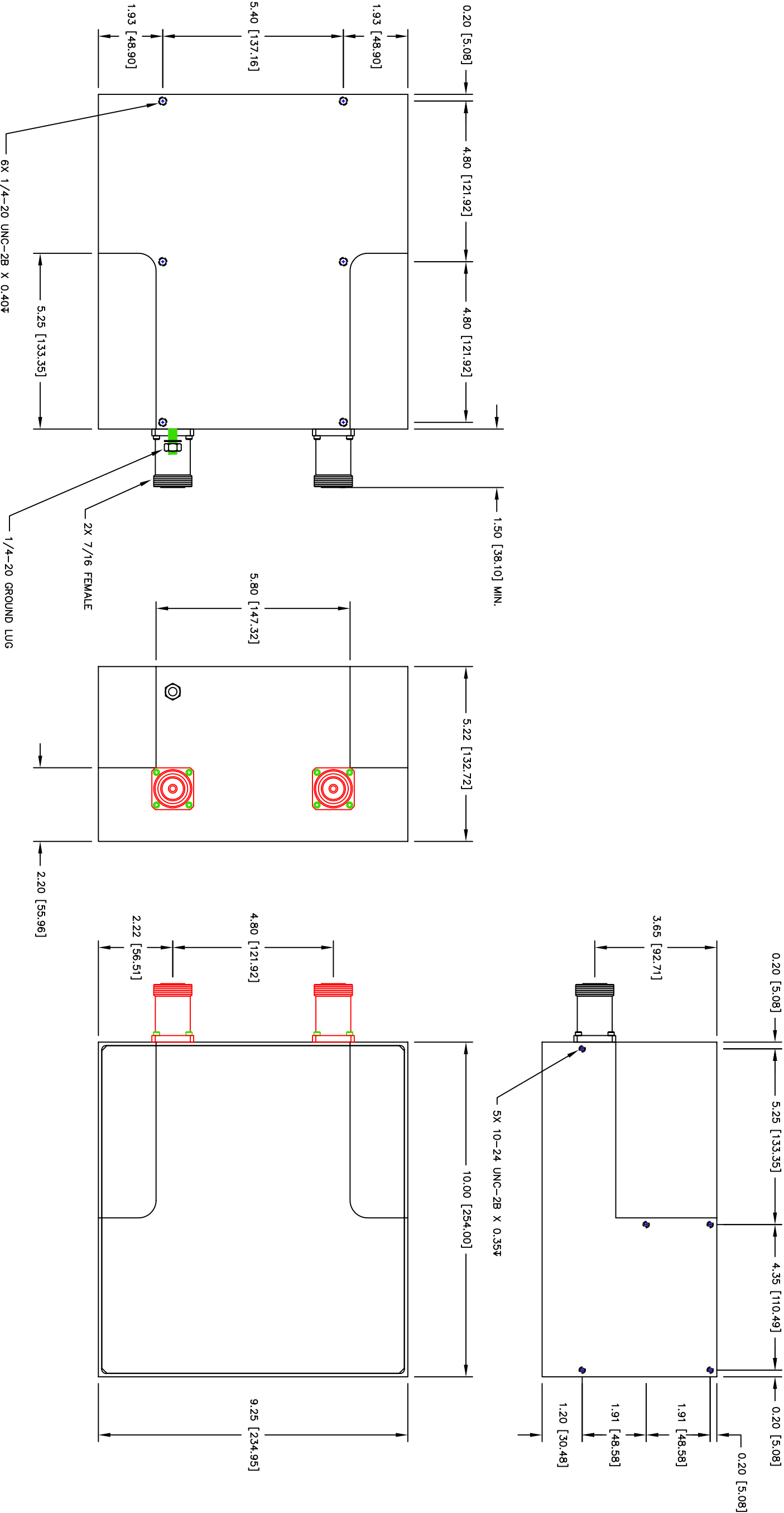
900 MHz Transmit Filter, 20dB Rejection

Revision 2 • May 22, 2007

Passband:	824 to 894 MHz
Passband Insertion Loss:	0.50dB max.
Rejection:	
896 – 901 MHz	20 dB minimum;
Passband Return Loss:	18 dB minimum
Passband Power Handling:	
Average:	500 watts
Peak Instantaneous (PIP):	12500 watts
Operating Altitude:	10,000 Feet maximum
Weatherproofing:	
Housing:	To ETSI 300-19-2-4
Connectors:	Sealed to IP68 (Unmated)
Intermodulation: -	110 dBm maximum
	w/two +43 dBm carriers
Dimensions:	o1-CMN538-20r2
Mounting:	Rack Mount Tray
	Outdoor Catwalk (Ice Bridge)
	Pole Mount
Operating Temperature: -	30°C to +54°C
Storage Temperature: -	40°C to +85°C

NOTES: UNLESS OTHERWISE SPECIFIED

1. FINISH: SEMIGLOSS WHITE EPOXY PAINT,
COLOR NO. 27925 PER FED-STD-595A.
2. MARKING: LABEL.
3. CONNECTOR THREADS AND MOUNTING HOLES ARE
PAINT FREE.



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DRAWN:	ID	04/17/2006	TOLERANCES:
ENG:			.XX: ± .01
RELEASED:			.XXX: ± .002
			.XXXX: ± .0005
			ANGLES: ± 1°

SIZE	DWG NO.	REV
B	OUTLINE CMN538-20	02
CAGE:	1SCX4	SHEET 1 OF 1