



CMN538-60

900 MHz Transmit Filter, 60dB Rejection

Revision 5 • August 2007

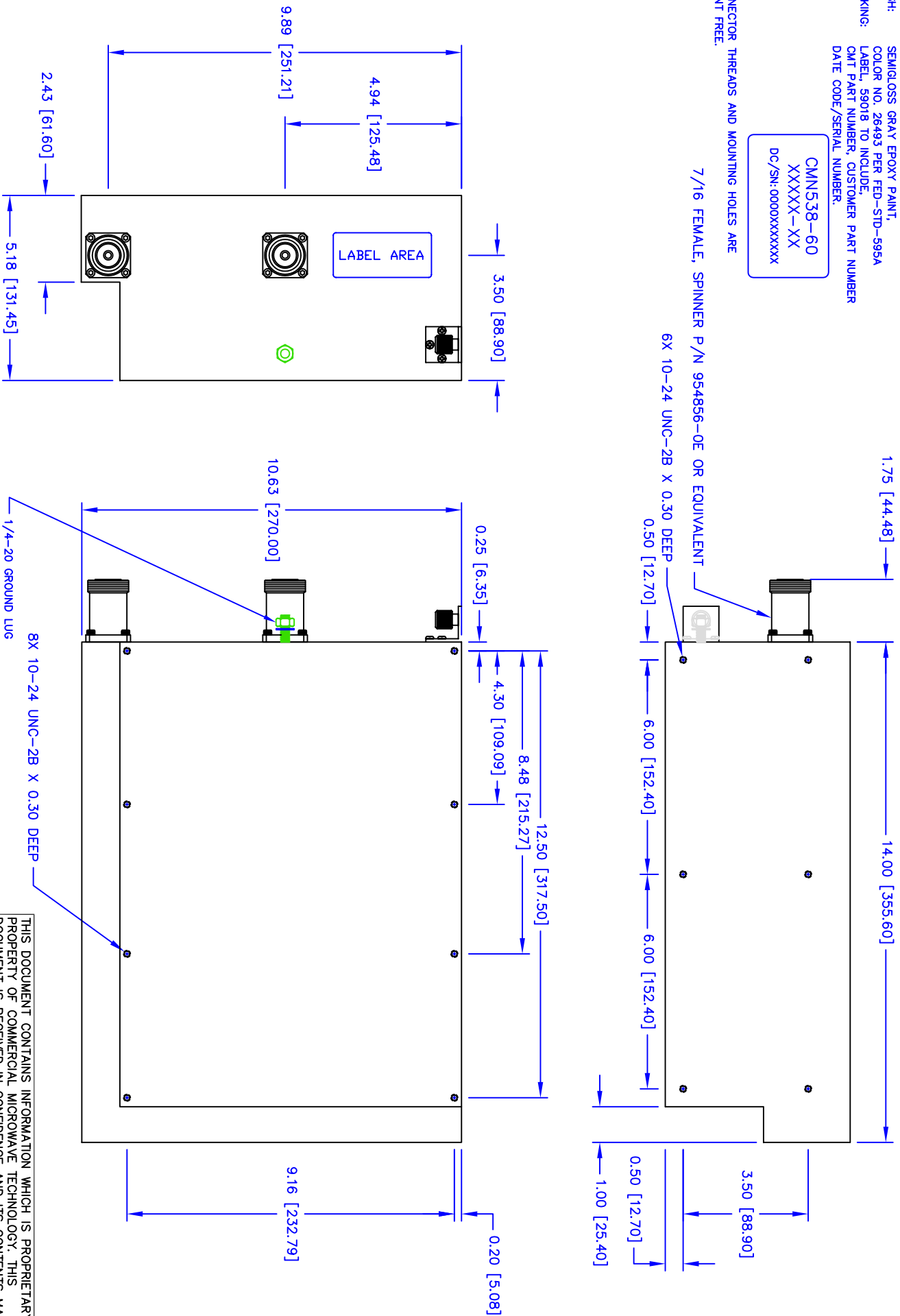
Passband:	824 to 894 MHz
Passband Insertion Loss:	
824 – 893.5 MHz:	0.50 dB max.
893.5 – 894 MHz:	0.75 dB max.
Ripple (Peak to Peak):	
824 – 893.5 MHz:	0.30 dB max.
893.5 – 894 MHz:	0.60 dB max.
Rejection:	
896 – 901 MHz	60 dB min.
Passband Return Loss:	18.0 dB min.
Passband Power Handling:	
Average:	500 watts @ up to 15,000 feet
Peak Instantaneous (PIP):	12500 watts @ up to 15,000 feet
Weatherproofing:	
Housing:	To ETSI 300-19-2-4
Connectors:	Sealed to IP68 (Unmated)
MHA Support:	5.0 Amps @ 20VDC on Center Conductor
Intermodulation:	-110 dBm maximum w/two +43 dBm carriers
Dimensions:	Per CMT ol-538-60 Rev. 4
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: SEMI-GLOSS GRAY EPOXY PAINT,
COLOR NO. 26493 PER FED-STD-595A
COLOR, 59018 TO INCLUDE.
- 2. MARKING: LABEL, 59018 TO INCLUDE.
CMT PART NUMBER, CUSTOMER PART NUMBER
DATE CODE/SERIAL NUMBER.

CMN538-60
XXXXXX-XX
DC/SN: 0000XXXXXXXX

3. CONNECTOR THREADS AND MOUNTING HOLES ARE PAINT FREE.



COMMERCIAL MICROWAVE TECHNOLOGY, INC.

DRAWN:	MS	10/31/2005	TOLERANCES:
ENG:			XX: ± .01
RELEASED:			.XXX: ± .005
			.XXXX: ± .0005
			ANGLES: ± 1°

SIZE	DWG NO.	REV
A	OUTLINE CMN538-60	04
CAGE:	1SCX4	SHEET
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