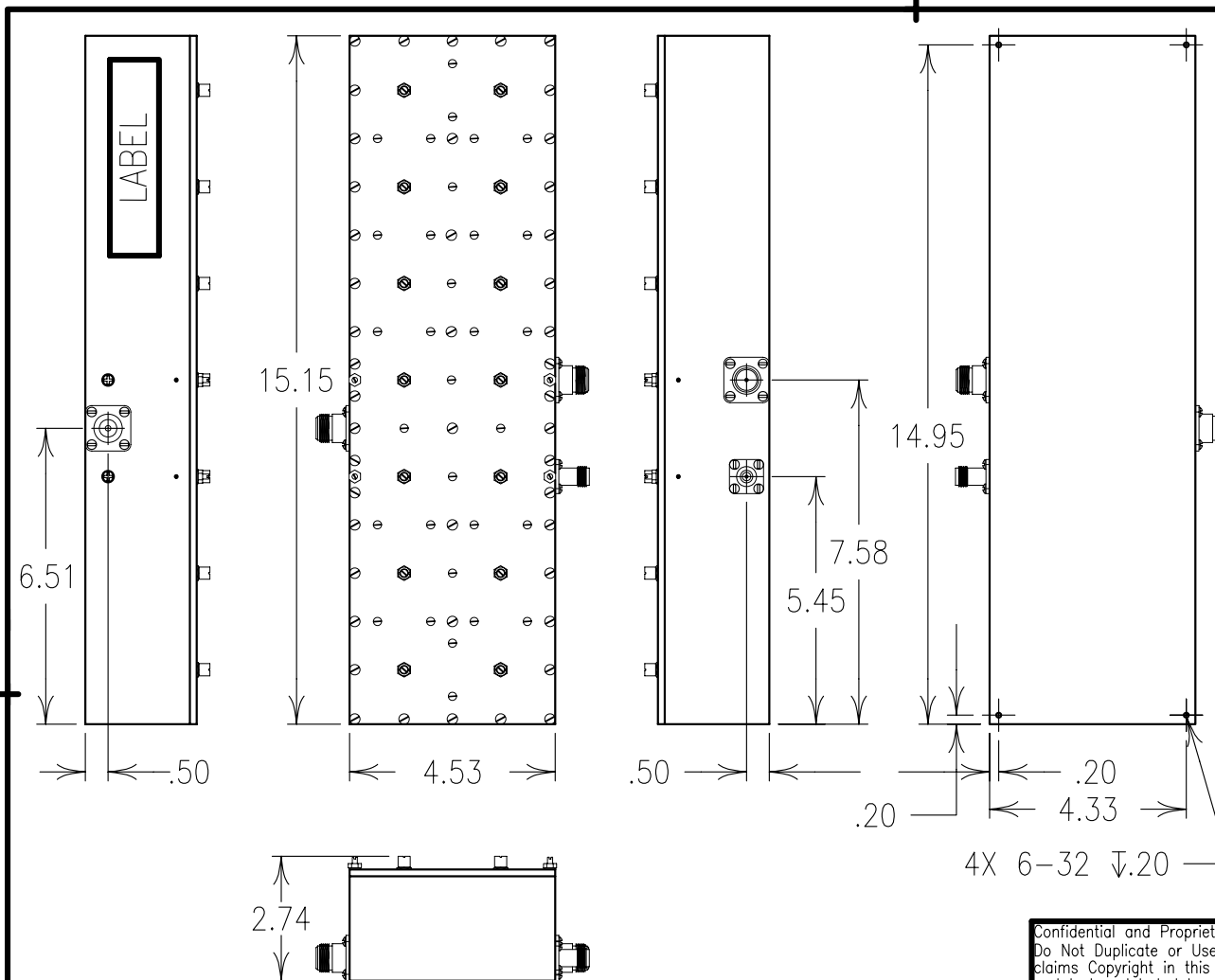


2

1



FUNCTION

Electrical

Frequency Range-Rx

Frequency Range-Tx

Insertion Loss - antenna to Rx

Insertion Loss - Tx to antenna

Isolation - Rx to Tx and Tx to Rx

Input/Output Impedance

In-band Ripple-Rx and Tx

Input/Output VSWR max.

Power - Tx (continuous duty)

Receive Rejections:

-80 dBc min DC - 782.75 MHz

-70 dBc min at 787.75 MHz

-58 dBc min at 792.75 MHz

-40 dBc min at 797.75 MHz

-15 dBc min at 802.75 MHz

-38 dBc min at 827.75 MHz

-57 dBc min at 832.75 MHz

-72 dBc min at 837.75 MHz

-75 dBc min at 842.75 MHz

-78 dBc min at 847.75 MHz

-85 dBc min 852.75 - 1880 MHz

REQUIREMENTS

813.5 MHz center

806.01 - 820.99 MHz, flat portion

858.5 MHz center

851.01- 865.99 MHz, flat portion

1.5 dB max. over temp. range

1.5 dB max. over temp. range

>85 dB

50 Ohm

0.1 dB of any channel within

±25 kHz bandwidth

1.5:1

100 Watts CW

Transmit Rejections:

-85 dBc min DC - 817.75 MHz

-82 dBc min at 822.75 MHz

-80 dBc min at 827.75 MHz

-77 dBc min at 832.75 MHz

-68 dBc min at 837.75 MHz

-50 dBc min at 842.75 MHz

-15 dBc min at 847.75 MHz

-45 dBc min at 872.75 MHz

-66 dBc min at 877.75 MHz

-75 dBc min at 882.75 MHz

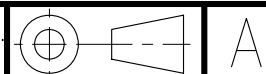
-80 dBc min at 887.75 MHz

-82 dBc min at 892.75 MHz

-85 dBc min 897.75 - 1880 MHz

COPY

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NOTES:
LABEL CONTAINS COMNAV PART #, ADC #,
REVISION LEVEL, DATE CODE AND BAR CODE.

ENGLISH / METRIC ENGLISH	CHECKED BY	C	21OCT98	MJG	DEV.	GEN. REV. PER 0779
TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125 / OR BETTER REMOVE ALL BURRS	DRAWN BY	B	15APR98	MJG	DEV.	GEN. REV. PER 0563
	ENGINEER	A	17MAR98	MJG	DEV.	GEN. REV. PER 0529
	MJG	REV	DATE	BY	DCN No.	REMARKS
ENGLISH (INCHES) .XX ±.02 .XXX ±.01	METRIC (MM) .X ±.25 .XX ±.13	SCALE	APPLIC: COAXIAL FILTER			
ANGLES ± 0° 30'	DATE	28OCT98	TITLE:	14DCV8-814/859/C17-N/T/N		SHEET NO/OF 1 1
	MATERIALS: 6061-T6 ALUMINUM	DRAWING No.		0L0092		
	FINISH: SILVER PLATE WITH WHITE POLYURETHANE PAINT					