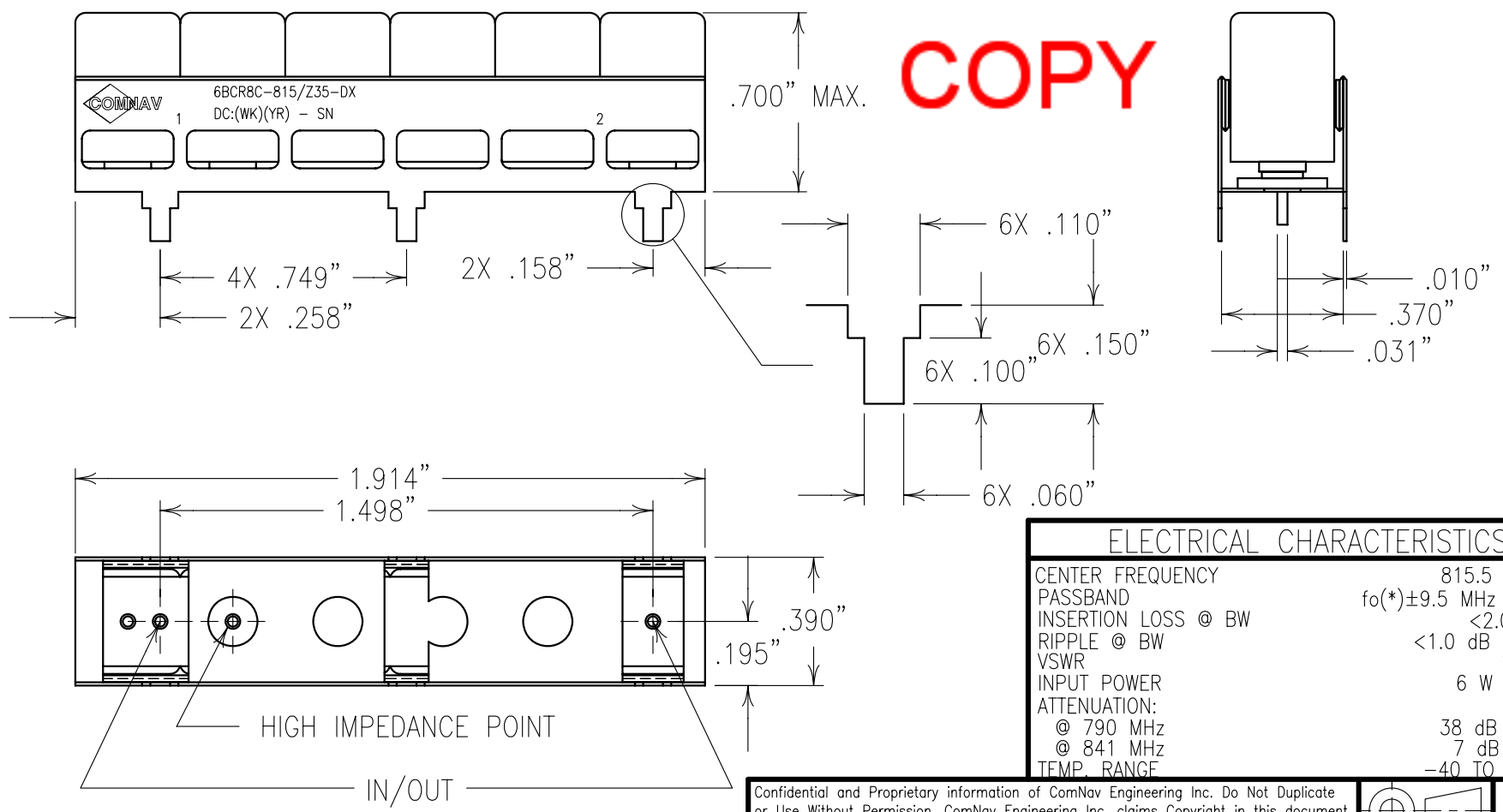


2

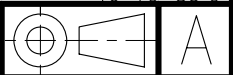
1

**COPY**



ELECTRICAL CHARACTERISTICS	
CENTER FREQUENCY	815.5 MHz
PASSBAND	fo(*)±9.5 MHz MIN.
INSERTION LOSS @ BW	<2.0 dB
RIPPLE @ BW	<1.0 dB MAX.
VSWR	1.7:1
INPUT POWER	6 W MAX.
ATTENUATION:	
@ 790 MHz	38 dB MIN.
@ 841 MHz	7 dB MIN.
TEMP. RANGE	-40 TO 85°C

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NOTES:

- 1) DC: IS ON ONE SIDE ONLY.
- 2) THERE MUST BE A MINIMUM OF .050 AIR SPACE BETWEEN GROUND AND HIGH IMPEDANCE POINTS. THIS MAY BE ACCOMPLISHED BY RAISING THE FILTER OR DRILLING OUT THE BOARD.

FOR RECOMMENDED FOOTPRINT SEE FP0050.

ENGLISH / METRIC	CHECKED BY	D	31OCT01	SWB	DEV.	GEN. REV. PER 1766
ENGLISH		C	25JUL01	MJG	DEV.	GEN. REV. PER 1680
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY	B	12JUL01	KJR	DEV.	GEN. REV. PER 1669
MACHINED SURFACES TO BE 125 OR BETTER	RME	REV	DATE	BY	DCN No.	REMARKS
REMOVE ALL BURRS	ENGINEER	SCALE	APPLIC: CERAMIC COAXIAL FILTER			
	SWB	2:1	TITLE: 6BCR8C-815/Z35-DX			
ENGLISH (INCHES)	METRIC (MM)	DATE	DRAWING No. 01NOV01			
.XX ±.02	.X ±.25		SHEET OF 1 1			
.XXX ±.010	.XX ±.13		OL0339			
ANGLES ± 0° 30'			FINISH: JACKET: NI/SIL RESONATORS: SILVER PINS: TIN PLATED COPPER			