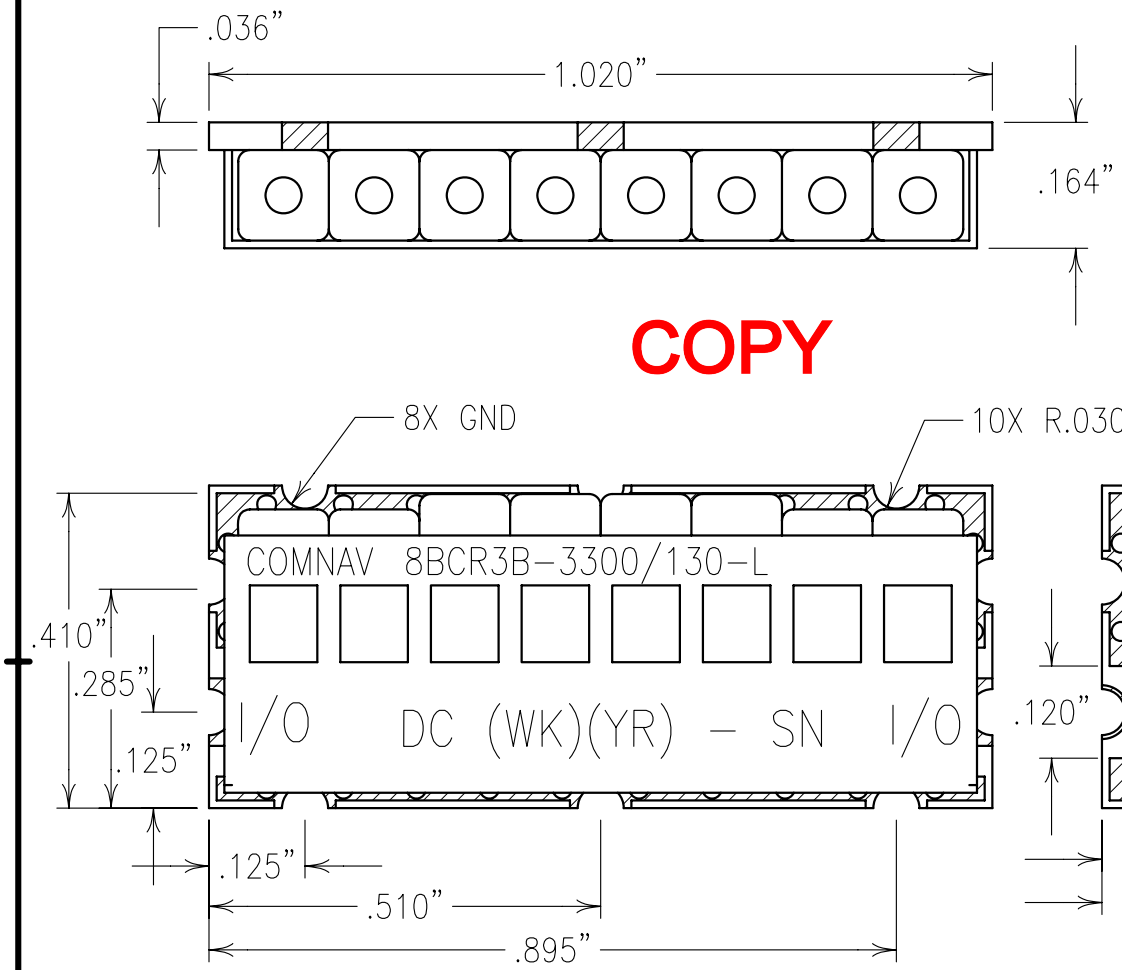

COPY

ELECTRICAL CHARACTERISTICS

CENTER FREQUENCY:	3300 MHz
PASSBAND:	3275–3325 MHz
INSERTION LOSS @ PASSBAND:	<3.5 dB MAX
PASSBAND ATTENUATION RIPPLE:	<0.5 dB MAX
RETURN LOSS:	15 dB MIN
REJECTION HIGH SIDE:	
AT 3435 MHz:	60 dB MIN
3490–7000 MHz:	80 dB MIN
REJECTION LOW SIDE:	
DC–2500 MHz:	80 dB MIN
IMPEDANCE:	50 OHMS
OPERATING TEMPERATURE:	−40 TO +85°C
GROUP DELAY VARIATION OVER TEMP. OVER ANY 12 MHz SLOTS:	<±0.45 nSEC
PHASE LINEARITY OVER TEMP. OVER ANY 12 MHz SLOTS:	<±0.6 DEGREE
INPUT POWER:	2 WATTS MIN

Confidential and Proprietary information of ComNav Engineering Inc. Do Not Duplicate or Use Without Permission. ComNav Engineering Inc. claims Copyright in this document as of the Creation, last revision, and last updated dates. All Rights Reserved.

NOTES:

RECOMMENDED ATTACHMENT METHOD: SILVER EPOXY OR REFLOW NOT TO EXCEED AS INDICATED BELOW:

TEMP.(°C)	MAX.TIME(SEC)
215	90
230	60
245	30
260	15

FILTER IS ROHS COMPLIANT.
FILTER MAY BE LABELED OR ETCHED.

ENGLISH / METRIC: ENGLISH
TOLERANCES UNLESS OTHERWISE SPECIFIED
MACHINED SURFACES TO BE 125 OR BETTER
REMOVE ALL BURRS
ENGLISH (INCHES): .XX ±.02, .XXX ±.010
METRIC (MM): .X ±.50, .XX ±.25
ANGLES ± 0° 30'

CHECKED BY:
DRAWN BY: PBF
ENGINEER: KJR
SCALE: 4:1
DATE: 11MAY07

REV	DATE	BY	DCN No.	REMARKS
II	10MAY07	KJR	DEV.	INI. ISS. PER 2667

APPLIC: CERAMIC COAXIAL FILTER

TITLE: 8BCR3B-3300/130-L

COMNAV ENGINEERING INC

FINISH: BOARD: NICKEL/GOLD
JACKET: NICKEL/SILVER
RESONATOR: SILVER

DRAWING No. OL0727

SHEET 1 OF 1