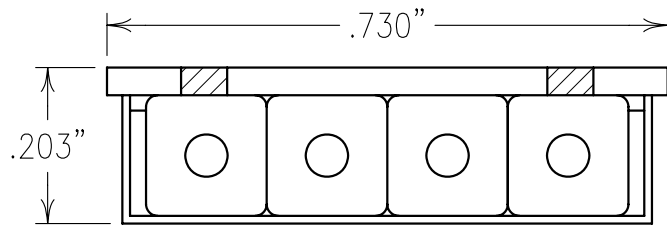


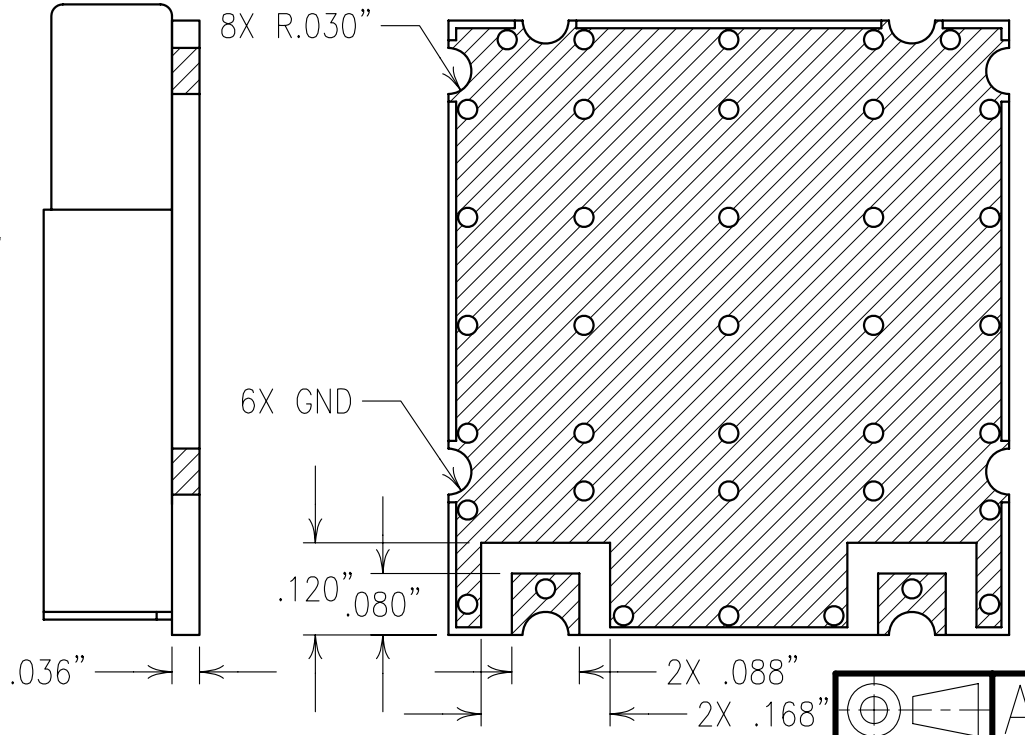
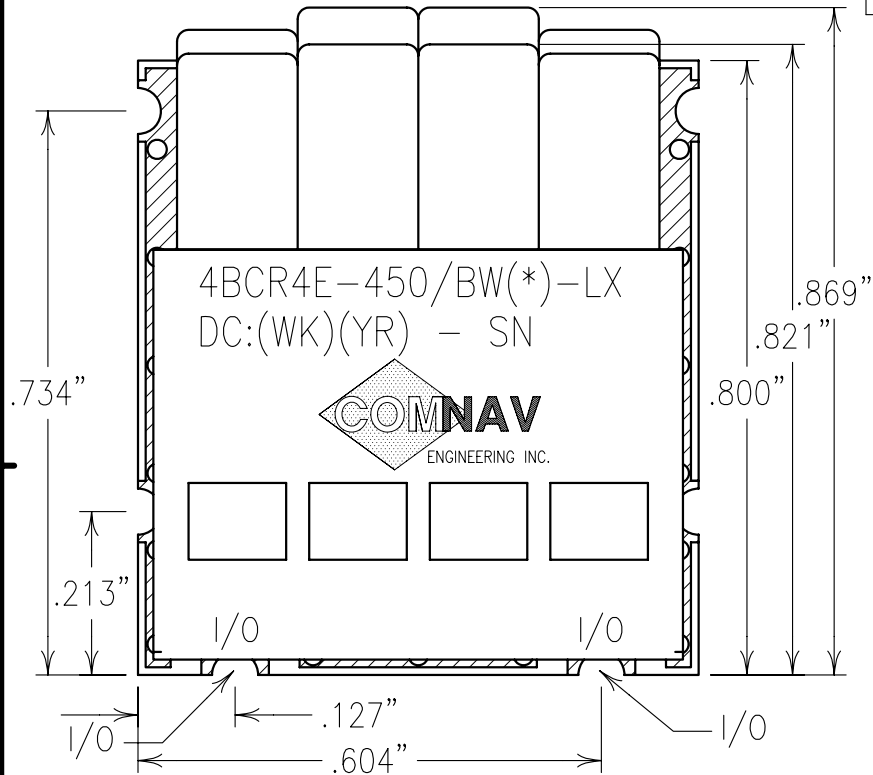
2

1



ELECTRICAL CHARACTERISTICS

	4BCR4E-450/22-LX	4BCR4E-450/48-LX
CENTER FREQUENCY:	450 MHz	450 MHz
1.0 dB BANDWIDTH:	16 MHz MIN.	38 MHz MIN.
LOSS @ FO:	<2.5 dB	<2.5 dB
VSWR:	1.5:1 MAX @ FO±8 MHz	1.5:1 MAX @ FO±19 MHz
G.D. VARIATION:	40 NS MAX @ FO±8 MHz	40 NS MAX @ FO±19 MHz
TEMP. RANGE:	-40 TO +85°C	-40 TO +85°C
REJECTION:	>30 dBc @422 MHz >30 dBc @478 MHz	>40 dBc @381 MHz >40 dBc @519 MHz



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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

COPY

FOR RECOMMENDED FOOTPRINT SEE FP0103.

ENGLISH / METRIC	CHECKED BY	DATE	BY	DCN No.	REMARKS
ENGLISH	B	01JUN05	TLA	DEV.	GEN. REV. PER 2381
TOLERANCES UNLESS OTHERWISE SPECIFIED	A	10MAY05	JSW	DEV.	GEN. REV. PER 2376
MACHINED SURFACES TO BE 125 / OR BETTER	II	31JAN05	MJG	DEV.	INI. ISS. PER 2338
REMOVE ALL BURRS	REV	DATE	BY	DCN No.	REMARKS
ENGLISH (INCHES)	SCALE	APPLIC: CERAMIC COAXIAL FILTER			
METRIC (MM)	4:1	TITLE: 4BCR4E-450/BW(*)-LX			
.XX ±.02 .XXX ±.01	DATE	DRAWING No. 0L0573			
ANGLES ± 0° 30'	14JUN05	SHEET OF 1 1			
COMNAV ENGINEERING INC.	FINISH: BOARD: NI/AU PLATED COPPER JACKET: NI/SILVER RESONATOR: SILVER			DRAWING No. 0L0573	