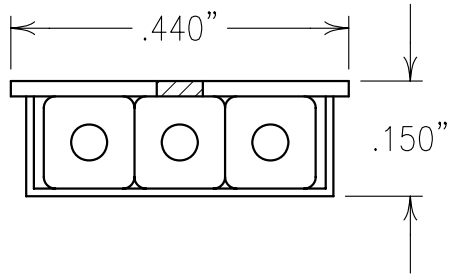


2

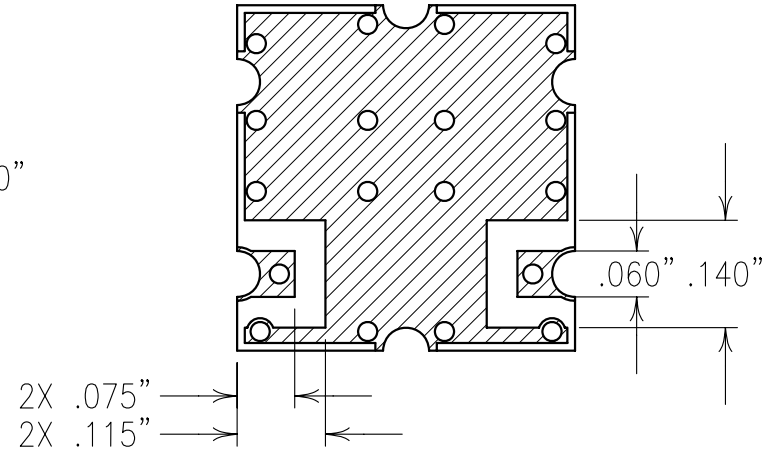
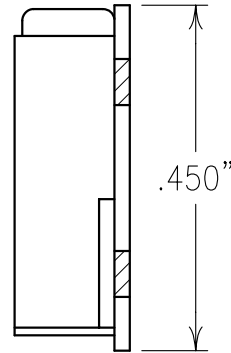
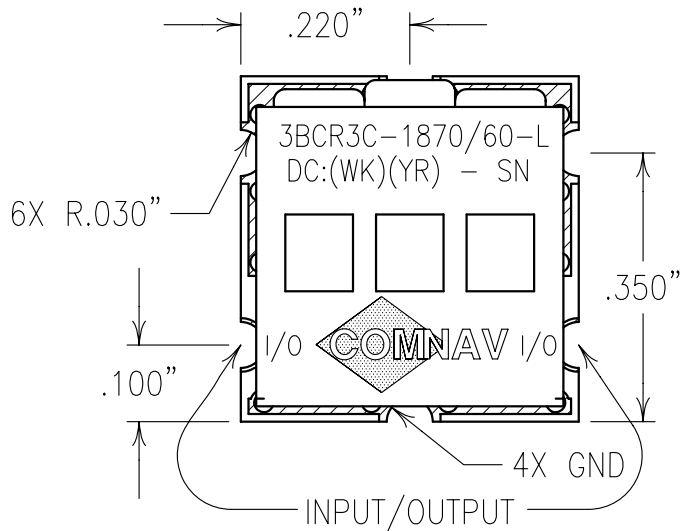
1



**COPY**

ELECTRICAL CHARACTERISTICS

CENTER FREQUENCY: 1870 MHz  
 1 dB BANDWIDTH: 1840 ±1 MHz TO 1900 ±1 MHz  
 INSERTION LOSS @ FO: 4.0 dB MAX @ FO  
 VSWR: 2.0:1 TYPICAL  
 PHASE LINEARITY: ±10° @ 1841 TO 1899 MHz  
 REJECTION:  
 45 dBc MIN @ DC-1400 MHz  
 65 dBc MIN @ 2840-3700 MHz  
 70 dBc MIN @ 3700-4200 MHz



NOTES:

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

TEMP.(°C) MAX.TIME(SEC)

215	90	RECOMMENDED FOOTPRINT: FP0093.
230	60	
245	30	FILTER IS ROHS COMPLIANT.
260	15	FILTER MAY BE LABELED OR ETCHED.

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.					
ENGLISH / METRIC ENGLISH		CHECKED BY			
TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY			
MACHINED SURFACES TO BE 125 OR BETTER REMOVE ALL BURRS		PBF			
ENGLISH (INCHES)		ENGINEER		II 26JAN06 KJR DEV. INI. ISS. PER 2477	
METRIC (MM)		KJR		REV DATE BY DCN No. REMARKS	
.XX ±.02 .XXX ±.010		SCALE		APPLIC: CERAMIC COAXIAL FILTER	
ANGLES ± 0° 30'		4:1		TITLE: 3BCR3C-1870/60-L	
		DATE		DRAWING No.	
		30JAN06		0L0627	
		FINISH:		SHEET OF	
		BOARD: NI/AU PLATED COPPER		1 1	
		JACKET: NI/SILVER			
		RESONATOR: SILVER			