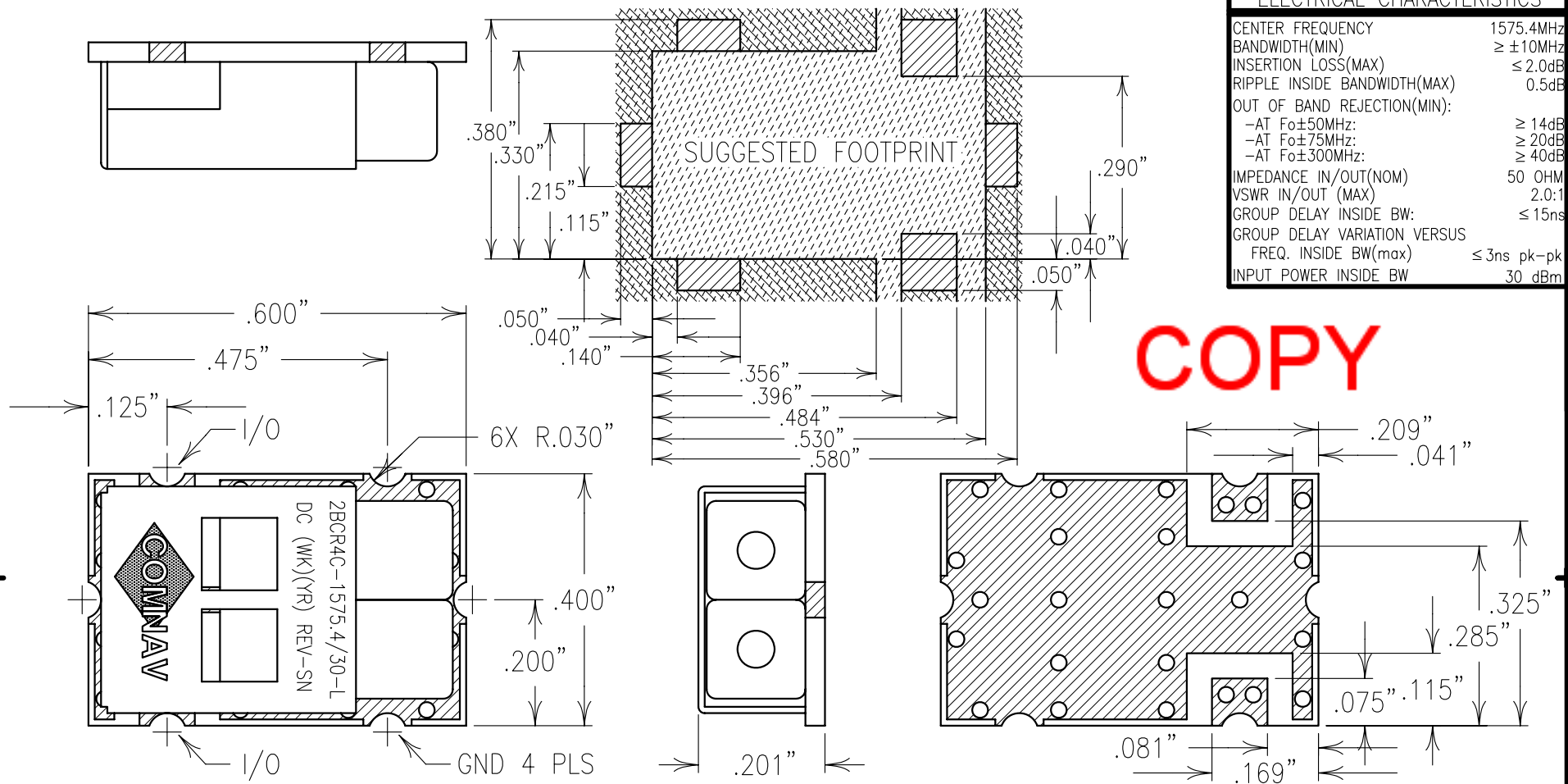


ELECTRICAL CHARACTERISTICS	
CENTER FREQUENCY	1575.4MHz
BANDWIDTH(MIN)	≥ ±10MHz
INSERTION LOSS(MAX)	≤ 2.0dB
RIPPLE INSIDE BANDWIDTH(MAX)	0.5dB
OUT OF BAND REJECTION(MIN):	
-AT Fo±50MHz:	≥ 14dB
-AT Fo±75MHz:	≥ 20dB
-AT Fo±300MHz:	≥ 40dB
IMPEDANCE IN/OUT(NOM)	50 OHM
VSWR IN/OUT (MAX)	2.0:1
GROUP DELAY INSIDE BW:	≤ 15ns
GROUP DELAY VARIATION VERSUS	
FREQ. INSIDE BW(max)	≤ 3ns pk-pk
INPUT POWER INSIDE BW	30 dBm



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NOTES:

NO TIN PLATING UNDER SOLDER MASK.  
RECOMMENDED ATTACHMENT METHOD: SILVER EPOXY OR REFLOW NOT TO EXCEED AS INDICATED BELOW:  
TEMP.(°C) MAX.TIME(SEC)

215	90		COPPER-NO TIN PLATING
230	60		TIN PLATED COPPER
245	30		SOLDER MASK
260	15		

ENGLISH / METRIC ENGLISH	CHECKED BY					
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY	A	13AUG98	SWB	DEV.	GEN. REV. PER 0694
MACHINED SURFACES TO BE 125 / OR BETTER REMOVE ALL BURRS	ENGINEER	II	04JUN98	SWB	DEV.	INI. ISS. PER 0606
ENGLISH (INCHES)	SCALE	REV	DATE	BY	DCN No.	REMARKS
METRIC (MM)	4:1	APPLIC: COAXIAL FILTER				
XX ±.02 XXX ±.01	DATE	TITLE: 2BCR4C-1575.4/30-L				SHEET NO/OF
ANGLES ± 0° 30'	24AUG98	DRAWING No. OL0117				1 1
	FINISH:	CARRIER BOARD:TIN PLATED COPPER				
		JACKET:NI/SILVER				
		RESONATOR:SILVER				