

2

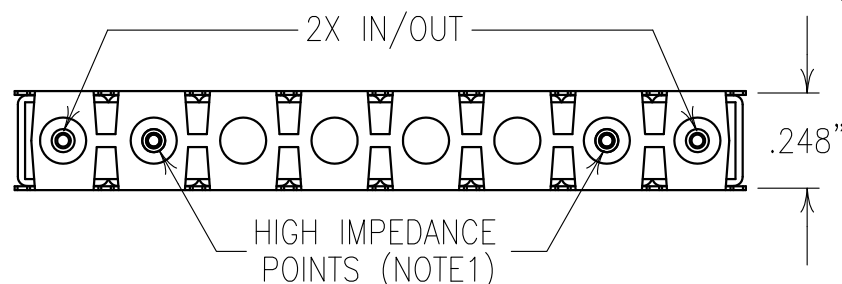
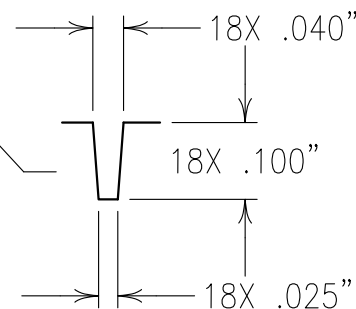
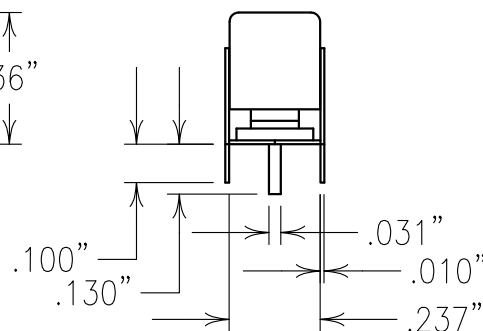
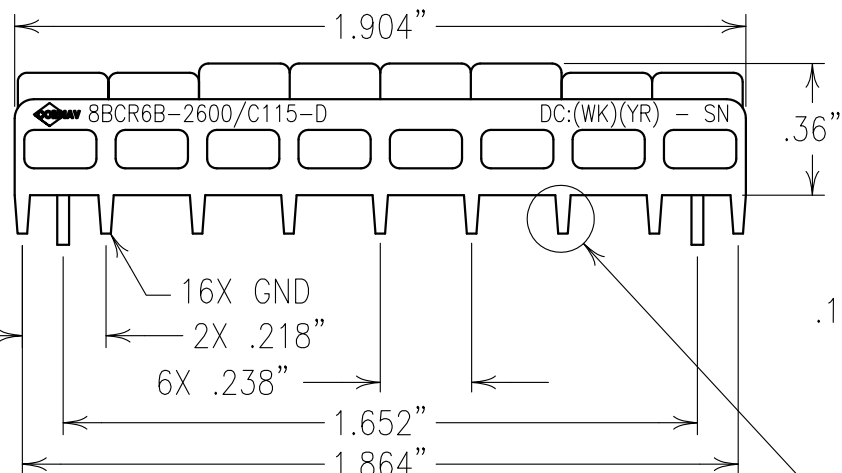
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## ELECTRICAL CHARACTERISTICS

CENTER FREQUENCY: 2600 MHz NOM  
 PASSBAND BANDWIDTH: 80 MHz  
 PB INSERTION LOSS: 6.0 dB MAX  
 AMPLITUDE RESPONSE: 0.3 dB MAX FLATNESS  
 GROUP DELAY VARIATION:  
 2.0 NSEC LINEAR MAX  
 9.0 NSEC PARABOLIC MAX  
 0.7 NSEC RIPPLE P-P MAX  
 PASSBAND VSWR: 14 dB MIN IN/OUT  
 REJECTION:  
 80 dBc MIN @ 2840-2920 MHz  
 65 dBc MIN/70 dBc GOAL @ 2740 MHz  
 45 dBc MIN @ 2460 AND 2740 MHz

B

COPY



## NOTES:

1) 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.

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

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ENGLISH / METRIC ENGLISH		CHECKED BY						
TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125 / OR BETTER REMOVE ALL BURRS		DRAWN BY PBF		A	14SEP11	KJR	DEV.	GEN. REV. PER 3438
		ENGINEER KJR		II	27JUL11	KJR	DEV.	INI. ISS. PER 3415
				REV	DATE	BY	DCN No.	REMARKS
ENGLISH (INCHES)	METRIC (MM)	SCALE 2:1		APPLIC: CERAMIC COAXIAL FILTER				
.XX ±.02 .XXX ±.010	.X ±.5 .XX ±.25	DATE 14SEP11		TITLE: 8BCR6B-2600/C115-D				
ANGLES ± 0° 30'		FINISH: JACKET: NICKEL/SILVER RESONATOR: SILVER					DRAWING No. OL1203	
 COMNAV ENGINEERING INC.							SHEET OF 1 1	

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