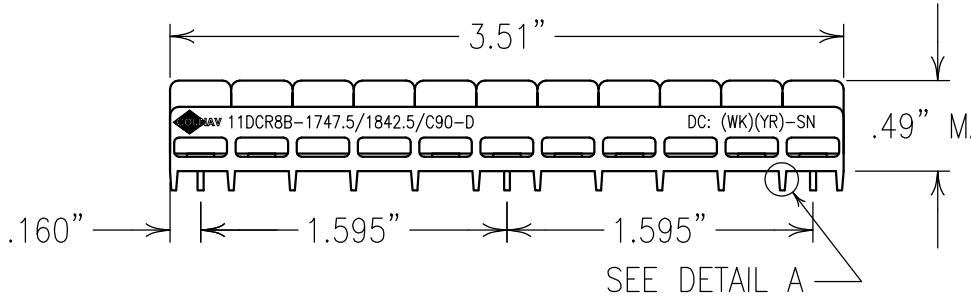
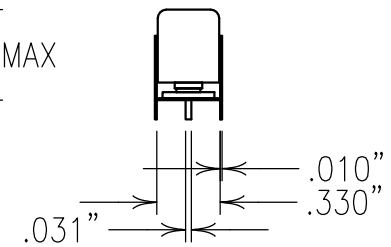
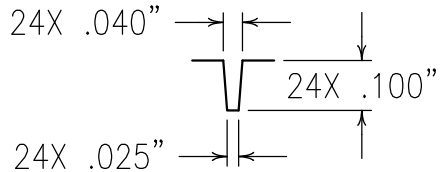
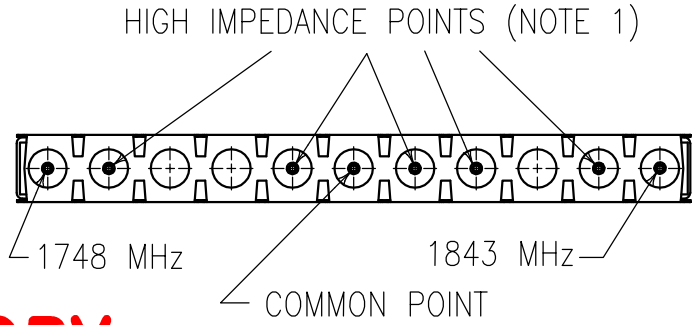


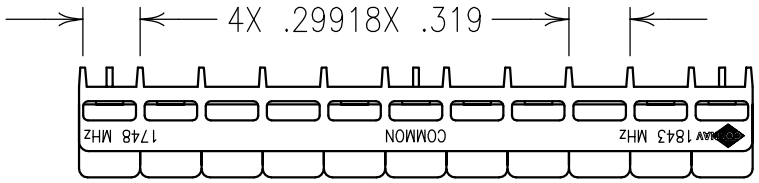




DETAIL A
SCALE 2:1



COPY



ELECTRICAL CHARACTERISTICS

	CHANNEL1	CHANNEL2
CENTER FREQUENCY(MHz):	1842.5	1747.5
PASSBAND(MHz):	1805–1880	1710–1785
PASSBAND INSERTION LOSS(dB):	2.5 dB MAX	2.5 dB MAX
PASSBAND RIPPLE:	2.0 dB MAX	2.0 dB MAX
RETURN LOSS:	1.5:1 TYP	1.5:1 TYP
ATTENUATION(MHz): 40 dB MIN @:	1710–1785	1805–1880
ISOLATION(MHz): 43 dB MIN @:	1710–1785	1805–1880

OPERATING TEMP.: –10 TO +75°C
STORAGE TEMP.: –20 TO +85°C
POWER HANDLING.: 8 WATTS CW

A

NOTES: FOR RECOMMENDED FOOTPRINT SEE FP0044.

NOTE 1 THERE MUST BE A MINIMUM OF .050 AIR BETWEEN GROUND AND HIGH IMPEDANCE POINTS. THIS MAY BE DONE BY RAISING THE FILTER OR BY DRILLING OUT THE BOARD.

HAND OR WAVE SOLDERING.
MAX REFLOW TEMP. 240°C FOR 30 SEC., OR 260°C FOR 15 SEC.

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

ENGLISH / METRIC: ENGLISH	CHECKED BY				
TOLERANCES UNLESS OTHERWISE SPECIFIED: MACHINED SURFACES TO BE 125 OR BETTER, REMOVE ALL BURRS	DRAWN BY: PBF	A	01APR08	EJG	DEV.	GEN. REV. PER 2854
	ENGINEER: MJG	II	07JUL06	KJR	DEV.	INI. ISS. PER 2540
ENGLISH (INCHES): .XX ±.02, .XXX ±.010 / METRIC (MM): .X ±.25, .XX ±.13	SCALE: 1:1	REV	DATE	BY	DCN No.	REMARKS
ANGLES ± 0° 30'	DATE: 01APR08	APPLIC: CERAMIC COAXIAL FILTER				
		TITLE: 11DCR8B–1747.5/1842.5/C90–D				
COMNAV ENGINEERING INC	FINISH: BOARD:NI/AU JACKET:NI/SILVER RESONATOR:SILVER PINS: TINNED	DRAWING No. OL0660				SHEET OF 1 1