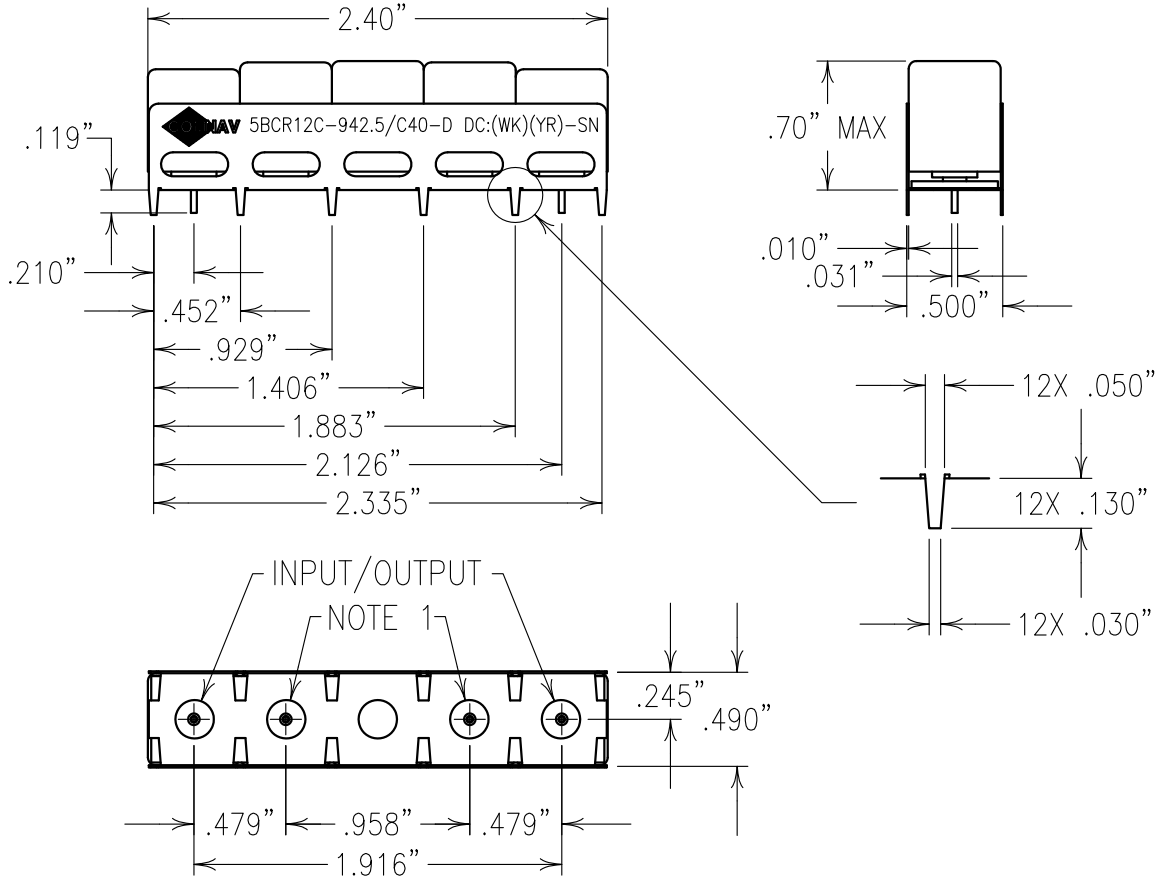


## ELECTRICAL CHARACTERISTICS

| | |
|---|---|
| CENTER FREQUENCY: | 942.5 MHz |
| PASSBAND: | 925–960 MHz |
| PB INSERTION LOSS: | 2.5 dB MAX |
| PASSBAND RIPPLE: | 2.0 dB MAX |
| RETURN LOSS: | 1.5:1 TYPICAL |
| REJECTION: | |
| | 40 dBc MIN @ DC–915 MHz |
| POWER HANDLING: | 20 WATTS |
| IMPEDANCE: | 50 OHMS IN/OUT |

COPY

NOTES:

1) HIGH IMPEDANCE POINTS: THERE MUST BE A MINIMUM 0.050" OF AIR SPACE BETWEEN GROUND AND HIGH IMPEDANCE POINTS. THIS MAY BE ACCOMPLISHED BY RAISING THE FILTER OR DRILLING OUT THE BOARD.

FOR RECOMMENDED FOOTPRINT SEE FP0076.

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 LABELED OR ETCHED.



| | | | | | |
|---|---|---|---|---|---|
| ENGLISH / METRIC: ENGLISH | CHECKED BY | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: MACHINED SURFACES TO BE 125 OR BETTER; REMOVE ALL BURRS | DRAWN BY: PBF | | | | |
| | ENGINEER: MJG | II | 30JAN14 | MJG | DEV. | INI. ISS. PER 3753 |
| | | REV | DATE | BY | DCN No. | REMARKS |
| ENGLISH (INCHES): .XX ±.02, .XXX ±.010 / METRIC (MM): .X ±.5, .XX ±.25 | SCALE: 1:1 | APPLIC: CERAMIC COAXIAL FILTER | | | |
| ANGLES ± 0° 30' | DATE: 31JAN14 | TITLE: 5BCR12C-942.5/C40-D | | | |
| COMNAV ENGINEERING INC | FINISH: JACKET: NICKEL/SILVER; RESONATOR: SILVER | DRAWING No. OL1395 | | | SHEET OF 1 1 |

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