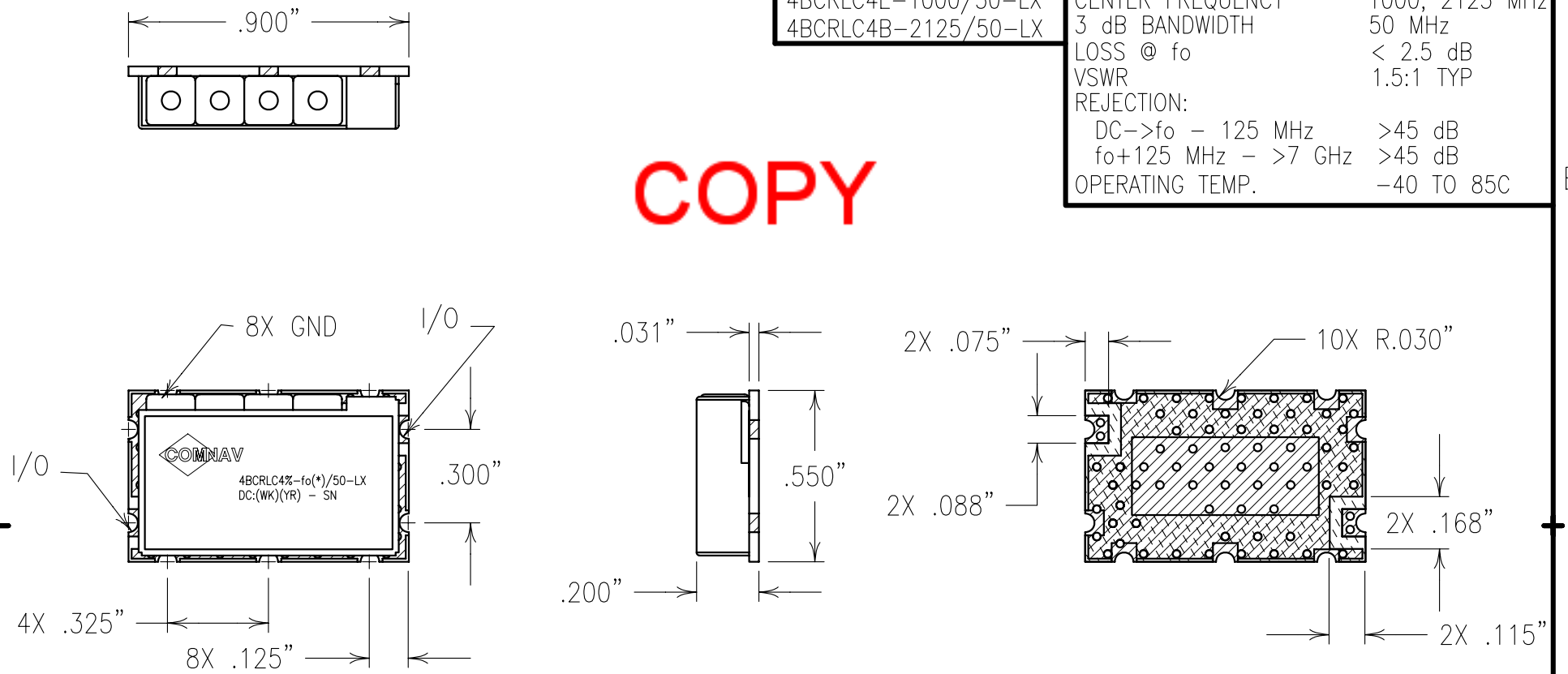
| COMNAV PART# |
|---|
| 4BCRLC4E-1000/50-LX |
| 4BCRLC4B-2125/50-LX |

| ELECTRICAL CHARACTERISTICS | |
|---|---|
| CENTER FREQUENCY | 1000, 2125 MHz |
| 3 dB BANDWIDTH | 50 MHz |
| LOSS @ fo | < 2.5 dB |
| VSWR | 1.5:1 TYP |
| REJECTION: | |
| DC->fo - 125 MHz | >45 dB |
| fo+125 MHz - >7 GHz | >45 dB |
| OPERATING TEMP. | -40 TO 85C |

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NOTES:

FOR RECOMMENDED FOOTPRINT SEE FP0074.

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

| TEMP.(°C) | MAX.TIME(SEC) |
|---|---|
| 215 | 90 |
| 230 | 60 |
| 245 | 30 |
| 260 | 15 |

COPPER
SOLDER MASK
SOLDER MASK OVER COPPER

| | | | | | | |
|---|---|---|---|---|---|---|
| ENGLISH / METRIC: ENGLISH | CHECKED BY | | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | DRAWN BY: RME | | | | | |
| MACHINED SURFACES TO BE 125 OR BETTER | ENGINEER: MJG | II | 05FEB02 | MJG | DEV. | INI. ISS. PER 1830 |
| REMOVE ALL BURRS | | REV | DATE | BY | DCN No. | REMARKS |
| ENGLISH (INCHES): .XX ±.02, .XXX ±.010 / METRIC (MM): .X ±.50, .XX ±.25 | SCALE: 2:1 | APPLIC: CERAMIC COAXIAL FILTER | | | | |
| ANGLES ± 0° 30' | DATE: 11FEB02 | TITLE: 4BCRLC4%-fo(*)/50-LX | | | | |
| COMNAV ENGINEERING INC | FINISH: BOARD: NI/AU, JACKET: NI/SILVER, RESONATOR: SILVER | DRAWING No. OL0390 | | | | SHEET 1 OF 1 |