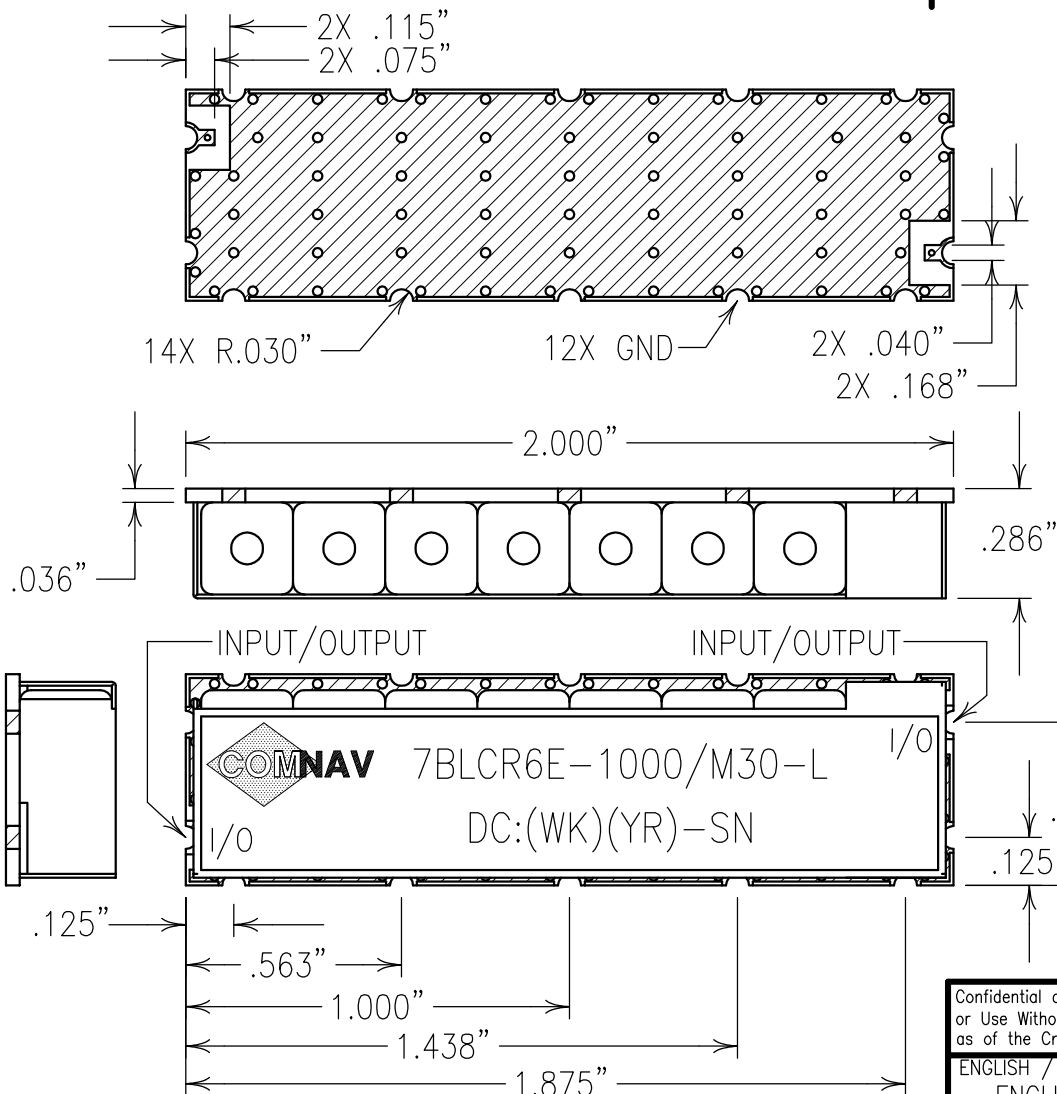


2

1



| ELECTRICAL CHARACTERISTICS | |
|----------------------------|----------------------------------|
| CENTER FREQUENCY: | 1000 MHz |
| PASSBAND: | 989-1011 MHz |
| LOSS @ F0: | <4.5 dB |
| PASSBAND FLATNESS: | <1.25 dB |
| PASSBAND VSWR: | <1.7:1 |
| 55 dBc REJECTION: | 1500-2000, 3600-5000 MHz |
| 60 dBc REJECTION: | DC-965, 1035-1500, 2000-3600 MHz |
| OPERATING TEMP.: | -55° TO +90°C |
| GAIN MATCHING OVER LOT: | 3 dB |
| GAIN MATCHING OVER SET: | 2 dB |
| GAIN TRACKING OVER LOT: | 1 dB |
| GAIN TRACKING OVER SET: | 0.5 dB |
| PHASE MATCHING OVER LOT: | 40° |
| PHASE MATCHING OVER SET: | 20° |
| PHASE TRACKING OVER LOT: | 16° |
| PHASE TRACKING OVER SET: | 8° |

COPY

NOTES:
 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

A SET IS 4 FILTERS DESIGNATED BY SERIAL NUMBER WHEN PACKED.
 TRY TO IMPROVE PHASE MATCHING IF POSSIBLE.
 FILTER IS ROHS COMPLIANT.
 FILTER MAY BE LABELED OR ETCHED.

| | | | | | | | |
|---|------------------------------------|---------------------------|------------------------|--|---------|--------------------|--|
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| ENGLISH / METRIC ENGLISH | CHECKED BY | C | 02SEP08 | KJR | DEV. | GEN. REV. PER 2919 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125 OR BETTER REMOVE ALL BURRS | DRAWN BY PBF | B | 15AUG06 | KJR | DEV. | GEN. REV. PER 2552 | |
| | ENGINEER KJR | A | 08AUG06 | KJR | DEV. | GEN. REV. PER 2545 | |
| | REV | DATE | BY | DCN No. | REMARKS | | |
| ENGLISH (INCHES) .XX ±.02 .XXX ±.010 ANGLES ± 0° 30' | METRIC (MM) .X ±.25 .XX ±.13 | SCALE 2:1 | APPLIC: COAXIAL FILTER | | | | |
| | DATE 07OCT08 | TITLE: 7BLCR6E-1000/M30-L | | | | | |
| | | | | FINISH: BOARD: NI/AU PLATED COPPER JACKET: NI/SILVER RESONATOR: SILVER | | DRAWING No. 010648 | |
| | | | | | | SHEET OF 1 1 | |