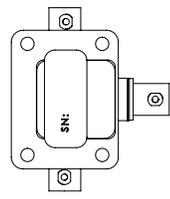
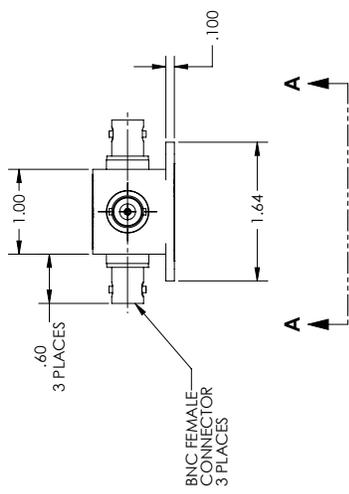
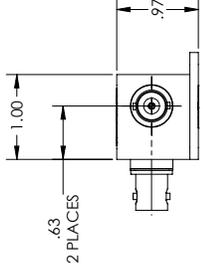
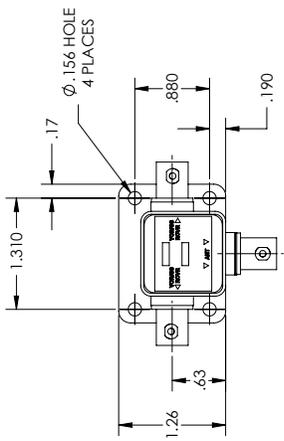


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| REVISIONS |                  | DATE        | APPROVED    |
|-----------|------------------|-------------|-------------|
| LTR       | DESCRIPTION      |             |             |
| A         | RELEASED DRAWING | JF 12/08/04 | DH 12/08/04 |
| B         | REF ECN 20-091   | RM 12/21/20 | DH 12/21/20 |



**VIEW A-A  
ROTATED 180° CCW**



BNC FEMALE CONNECTOR 3 PLACES

- NOTES:**
1. FREQUENCY 108-118 MHz AND 329-335 MHz
  2. POWER SPLIT 3 dB
  3. INSERTION LOSS (NOT INCLUDING 3dB POWER SPLIT) 1.0 dB MAX. 1.0 dB
  4. ISOLATION (BETWEEN ADJACENT ANT. PORTS) 20 dB MIN. 20 dB MIN.
  5. AMPLITUDE BALANCE +/- .50 dB +/- .50 dB
  6. IMPEDENCE 50 OHMS NOM. 50 OHMS NOM.
  7. VSWR 1.5:1 MAX. 1.5:1 MAX. R/L. -13.98 dB -13.98 dB
  8. PHASE +/- 180° +/- 5° +/- 180° +/- 5°
  9. CONNECTORS AND MOUNTING HOLES ARE FREE OF INSULATING FINISH FOR ELECTRICAL BONDING.
  10. A512001 INSTALLATION INSTRUCTIONS SUPPLIED WITH KIT.

| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON |             | CONTRACT NO. |          |
|---|-------------|--------------|----------|
| DECIMALS  | FRACTIONS   | APPROVALS    | DATE     |
| .XX ± .03   | .XXX ± .010 | J. FRANKS    | 12/08/04 |
| MACHINE FINISH 1/2" PER ANSI-B46.1                                |             | R. GOMEZ     | 12/08/04 |
| REMOVE BURRS AND SHARP EDGES .015 MAX                             |             | D. HOLLOWAY  | 12/08/04 |
| MEET DIMENSIONS BEFORE PLATING                                    |             | S. ADAMS     | 12/08/04 |
| DIMENSIONS ARE PER ASME Y14.5M                                    |             | D. HOLLOWAY  | 12/08/04 |
| <b>MATERIAL :</b>   |             | OC           |          |
| <b>DO NOT SCALE DRAWING</b>                                       |             | APPD         |          |

**Comant Industries, inc.**

**DUAL VOR/GS  
SPLITTER**

|                |              |
|----------------|--------------|
| DWG. NO.       | REV.         |
| C 51351        | B            |
| CODE IDENT     | DWG. NO.     |
| CI 5120        | CI 5120      |
| SCALE: 1:1     | CAD FILE: -- |
| SHEET : 1 OF 1 |              |

**ASSY DWG. C512003**