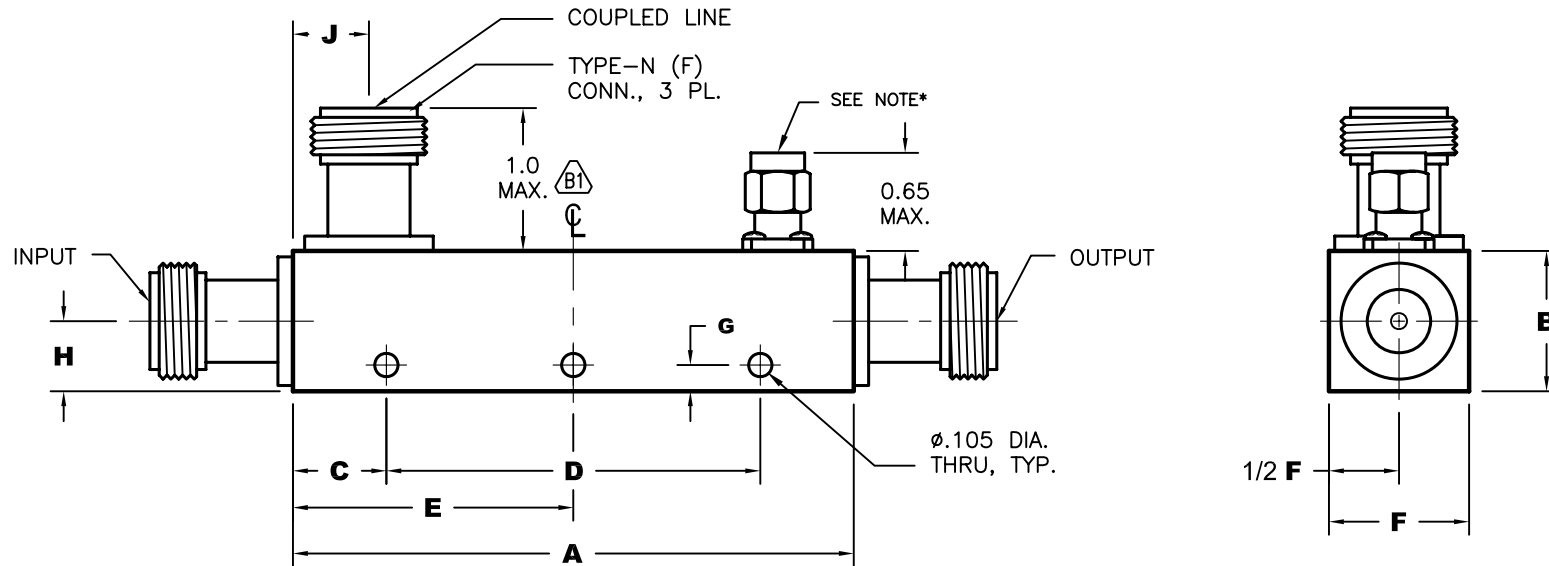


|       |           |             |  |
|-------|-----------|-------------|--|
| REV A | AUTH RL   | DATE 8/8/01 | INITIAL RELEASE  |
| B     | AUTH RL   | 11/08/05    | ⓑ1 WAS: .80 MAX., DIMSTYLE, NOTES, GEN. TOLERANCES, TITLE BLOCK UPDATED. |
| C     | AUTH RL   | 08/23/07    | NOTES UPDATED, TITLE BLOCK UPDATED.                                      |
| D     | AUTH M.R. | 8/8/11      | ADDED FIG 8, 9. TITLE BLOCK UPDATED                                      |



| DIMENSIONS IN INCHES |      |      |      |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|------|------|------|
| FIG.                 | A    | B    | C    | D    | E    | F    | G    | H    | J    |
| 1                    | 3.10 | 0.50 | 0.80 | 1.50 | ---  | 0.50 | 0.08 | 0.22 | 0.25 |
| 2                    | 3.10 | 0.55 | 0.80 | 1.50 | ---  | 0.50 | 0.08 | 0.22 | 0.25 |
| 3                    | 2.00 | 0.75 | 0.50 | 1.00 | ---  | 0.75 | 0.14 | 0.38 | 0.40 |
| 4                    | 1.78 | 0.50 | 0.42 | 0.94 | ---  | 0.50 | 0.14 | 0.22 | 0.25 |
| 5                    | 1.32 | 0.69 | 0.41 | 0.50 | ---  | 0.75 | 0.14 | 0.35 | 0.40 |
| 6                    | 1.16 | 0.69 | 0.41 | 0.34 | ---  | 0.75 | 0.14 | 0.35 | 0.25 |
| 7                    | 1.16 | 0.50 | 0.41 | 0.34 | ---  | 0.50 | 0.08 | 0.22 | 0.25 |
| 8                    | 1.00 | 0.50 | ---  | ---  | 0.50 | 0.40 | 0.08 | 0.22 | 0.25 |
| 9                    | 1.00 | 0.55 | ---  | ---  | 0.50 | 0.40 | 0.08 | 0.22 | 0.25 |

**NOTES:**

- \*NOTE: SECONDARY TERMINATION CAN BE INTERNAL OR EXTERNAL DEPENDING ON MODEL AND SHOULD NOT BE REMOVED. FOR CONNECTORIZED LOADS CONSULT FACTORY.

|  |  |             |          |   |  |   |  |  |  |
|--|--|-------------|----------|---|--|---|--|--|--|
| THIRD ANGLE PROJECTION:  |  | APPROVALS   | DATE     |   |  | ADVANCED TECHNICAL MATERIALS, INC.<br>TEL: (631) 289-0363 FAX: (631) 289-0358<br>www.atmmicrowave.com |  | THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT THE PRIOR WRITTEN CONSENT OF AT&M, INC.<br>DO NOT SCALE DWG. |  |
| UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:<br>FRACTIONS: ±1/64 ANGLES: ±1/2°<br>MACHINED FINISH<br>63 ✓ OR BETTER |  | DRAWN R.L.  | 08/08/01 | OUTLINE<br>DIRECTIONAL COUPLER, TYPE-N, OCTAVE BAND |  | SIZE A CAGE CODE OR8N4 ATM DWG # 4509W REVISION D   |  | SCALE 1 : 1 MODEL # C21X-XX SHEET 1/1  |  |
| DECIMALS<br>2 PLACE 3 PLACE<br>±.01 ±.005  |  | CHKD.       |          |   |  |   |  |  |  |
|  |  | APRVD.      |          | MATERIAL ALUM BODY                                  |  |   |  |  |  |
|  |  | TREATMENT - |          |   |  |   |  |  |  |
|  |  | FINISH -    |          |   |  |   |  |  |  |