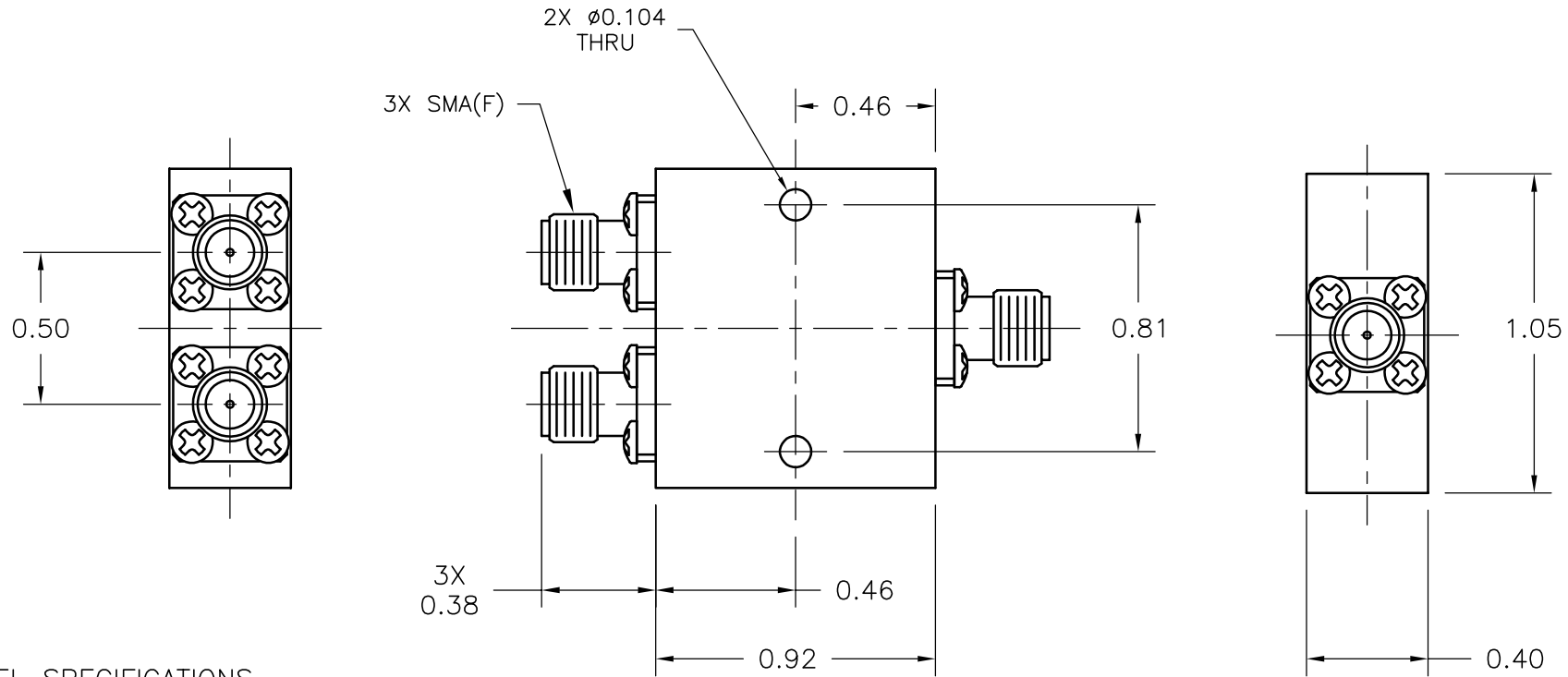


| REV | AUTH   | DATE     | INITIAL RELEASE                                                                           |
|-----|--------|----------|-------------------------------------------------------------------------------------------|
| —   | R.T.K. | 05/22/00 | INITIAL RELEASE                                                                           |
| A   | R.L.   | 08/31/00 | .48 to Now .50                                                                            |
| B   | M.R.   | 03/19/19 | FORMAT UPDATE, NO DIMENSIONAL CHANGES.                                                    |
| C   | M.R.   | 03/26/19 | TYP0 CORRECTED, INS LOSS WAS 0.05dB, PHASE BALANCE WAS 2.0dB. REMOVED ATTENUATION XX SPEC |
| D   | RL     | 5/30/19  | ENVIRONMENTAL SPECS ADDED                                                                 |



## MODEL SPECIFICATIONS

### MECHANICAL

MODEL NUMBER(S): P215  
MATERIAL: 6061/T-6 ALUM. BODY,  
STAINLESS STEEL CONNECTORS.  
FINISH: UNIQUE CORROSION RESISTANT  
316 STAINLESS STEEL EPOXY COATING.

### ENVIRONMENTAL

HUMIDITY: 95% MAX, NON-CONDENSING  
TEMPERATURE: -40°C TO +60°C

### ELECTRICAL

FREQ. RANGE: 4.0-8.0 GHz  
ISOLATION: 20dB  
VSWR: (MAX) INPUT: 1.35:1, OUTPUT: 1.25:1  
INSERTION LOSS: 0.50dB  
AMPLITUDE BALANCE: +/- 0.2dB  
PHASE BALANCE: +/- 2.0°

|                                                                                                                                                  |  |             |        |          |  |                                                                                                                                                                                                                |                    |                                                                                                                                                                   |  |           |      |          |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|--------|----------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|------|----------|-----|
| THIRD ANGLE PROJECTION:<br>                                 |  | APPROVALS   |        | DATE     |  | <div><br/>narda ATM</div> <div>L-3 Narda - ATM<br/>TEL: (631) 289-0363 FAX: (631) 289-0358<br/>www.atmmicrowave.com</div> |                    | <div>THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT THE PRIOR WRITTEN CONSENT OF ATM, INC.<br/>DO NOT SCALE DWG.</div> |  |           |      |          |     |
| UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES, TOLERANCES ARE:<br><br>FRACTIONS: ±1/64 ANGLES: ±1/2°<br><br>MACHINED FINISH<br>63 ✓ OR BETTER |  | DRAWN       | R.T.K. | 05/22/00 |  |                                                                                                                                                                                                                |                    |                                                                                                                                                                   |  |           |      |          |     |
|                                                                                                                                                  |  | CHKD.       | M.R.   | 03/26/19 |  |                                                                                                                                                                                                                |                    |                                                                                                                                                                   |  |           |      |          |     |
|                                                                                                                                                  |  | APRVD.      |        |          |  |                                                                                                                                                                                                                |                    |                                                                                                                                                                   |  |           |      |          |     |
| DECIMALS<br>2 PLACE    3 PLACE                                                                                                                   |  | MATERIAL —  |        |          |  | SIZE<br>A                                                                                                                                                                                                      | CAGE CODE<br>OR8N4 |                                                                                                                                                                   |  | ATM DWG # | 2978 | REVISION | D   |
|                                                                                                                                                  |  | TREATMENT — |        |          |  |                                                                                                                                                                                                                |                    |                                                                                                                                                                   |  |           |      |          |     |
|                                                                                                                                                  |  | FINISH —    |        |          |  | SCALE                                                                                                                                                                                                          | N.T.S.             |                                                                                                                                                                   |  | MODEL #   | P215 | SHEET    | 1/1 |
| ±.01    ±.005                                                                                                                                    |  |             |        |          |  |                                                                                                                                                                                                                |                    |                                                                                                                                                                   |  |           |      |          |     |