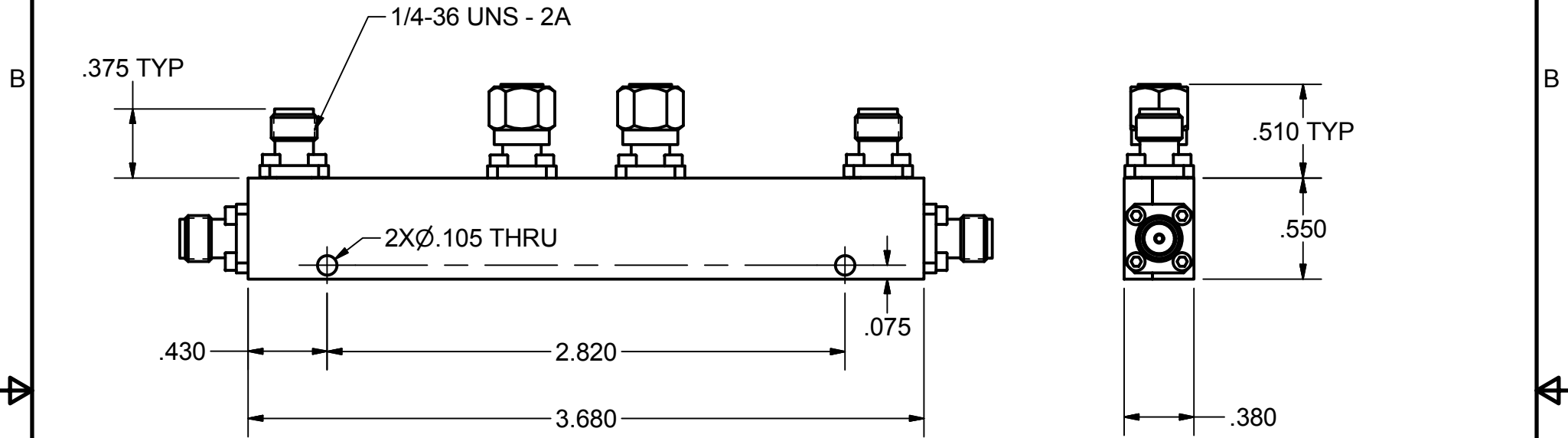



| REVISION HISTORY |     |                     |            |          |
|------------------|-----|---------------------|------------|----------|
| ZONE             | REV | DESCRIPTION         | DATE       | APPROVED |
|                  | 1   | ENGINEERING RELEASE | 12-20-2011 | Marek A  |



**SPECIFICATION**

FREQUENCY RANGE: 1.0 - 2.0 GHz  
 COUPLING (INCLUDES FREQUENCY SENSITIVITY): 30±1.25 dB  
 FREQUENCY SENSITIVITY: ±0.80 dB  
 INSERTION LOSS: TRUE: 0.40 dB  
 DIRECTIVITY: 22 dB MIN  
 PRIMARY LINE VSWR: 1.15 MAX  
 SECONDARY LINE VSWR: 1.10 MAX  
 INCIDENT POWER: 50W AVG  
 PEAK POWER: 3 kW

R&D MICROWAVES LLC PROPRIETARY INFORMATION

|                 |            |  |
|-----------------|------------|--|
| DRAWN<br>MarekA | 10/26/2010 | <br>R&D Microwaves LLC, USA |
| CHECKED         |            |  |
| QA              |            | TITLE  |
| MFG             |            | SMA FEMALE DUAL DIRECTIONAL COUPLER, 30dB<br>FREQUENCY RANGE 1-2 GHz   |
| APPROVED        |            | SIZE A   |
|                 |            | DWG NO C2-A55rev1  |
|                 |            | REV 1  |
|                 |            | SCALE  |
|                 |            | SHEET 1 OF 1   |

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