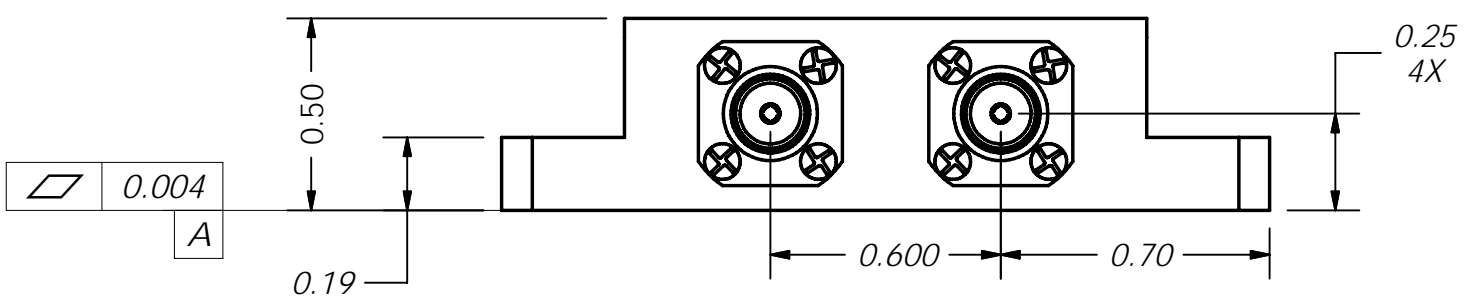
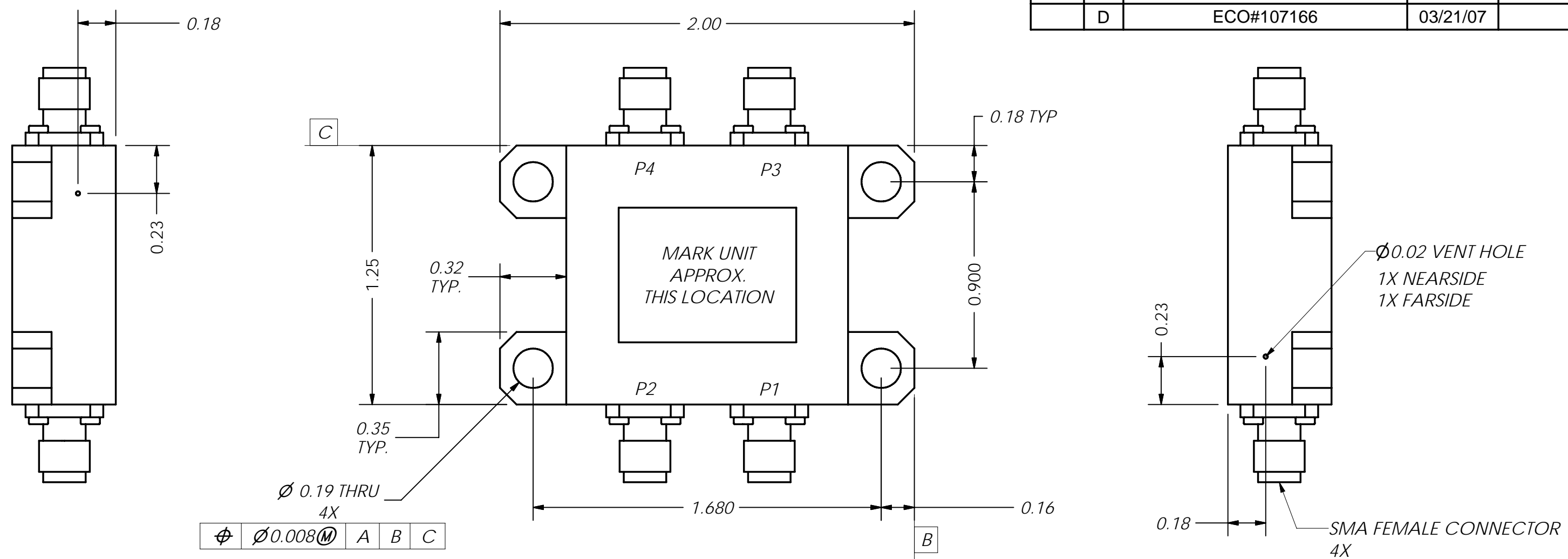


THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO DELTA MICROWAVE. ANY REPRODUCTION WITHOUT WRITTEN PERMISSION IS EXPRESSLY PROHIBITED.

| ZONE | REV | DESCRIPTION | DATE     | APPROVED |
|------|-----|-------------|----------|----------|
|      | C   | ECO#107021  | 03/19/07 | D.R.B.   |
|      | D   | ECO#107166  | 03/21/07 |          |




| HYBRID COUPLER PIN CONFIGURATION |            |            |            |            |
|----------------------------------|------------|------------|------------|------------|
|                                  | P1         | P2         | P3         | P4         |
| CONFIG.#1                        | INPUT      | ISOLATED   | -3db, -90° | -3db, 0°   |
| CONFIG.#2                        | ISOLATED   | INPUT      | -3db, 0°   | -3db, -90° |
| CONFIG.#3                        | -3db, -90° | -3db, 0°   | INPUT      | ISOLATED   |
| CONFIG.#4                        | -3db, 0°   | -3db, -90° | ISOLATED   | INPUT      |

2. MARKING: BLACK WORNOW INK TO INCLUDE:  
DELTA MICROWAVE, MODEL NO., SERIAL NO.,  
CODE IDENT. NO. 51719 AND DATE CODE

1: FINISH: NICKEL UNDERPLATE  
SAE-AMS-QQ-N-290 CLASS 1 GRADE G (.00002 THK. MIN.)  
GOLD PLATE PER  
SAE-AMS-2422 TYPE 1 GRADE A CLASS 1 (.00005 THK. MIN.)

NOTES:

|  |  |                      |                    |  |
|--|--|----------------------|--------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE:<br>FRACTIONS    DECIMALS    ANGLES<br>+                .xx ± .03            +<br>-                .xxx ± .010        - |  |                      | CONTRACT NO. U6116 |  |
| APPROVALS  |  | DATE                 |                    |  |
| DRAWN<br>D.F. ESTABROOK  |  | 07/11/06             |                    |  |
| REVISD<br>D.F. ESTABROOK   |  | 03/19/07             |                    |  |
| CHECKED  |  |                      |                    |  |
| APPROVED   |  |                      |                    |  |
| MATERIAL   |  |                      |                    |  |
| FINISH   |  |                      |                    |  |
| USED ON MODEL#   |  | DO NOT SCALE DRAWING |                    |  |



**Delta Microwave Inc.**  
1301 VANGUARD DRIVE OXNARD, CA 93033

**U6116 OUTLINE**

|           |                |              |
|-----------|----------------|--------------|
| SIZE      | CODE IDENT NO. | DWG NO       |
| B         | 51719          | U6116        |
| SCALE 2:1 |                | SHEET 1 OF 1 |