

## TECHNICAL DATA

### Electrical

|                 |             |
|-----------------|-------------|
| Impedance       | 50 $\Omega$ |
| Frequency range | 0~40 GHz    |
| VSWR            | 1.20:1      |
| Average Power   | 0.5W        |

### Mechanical & Environmental

|                      |                  |
|----------------------|------------------|
| Durability (matings) | >500             |
| Temperature range    | -55 °C ~ +125 °C |
| RoHS Compliant       | Yes              |

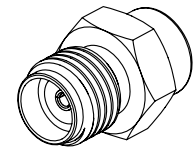
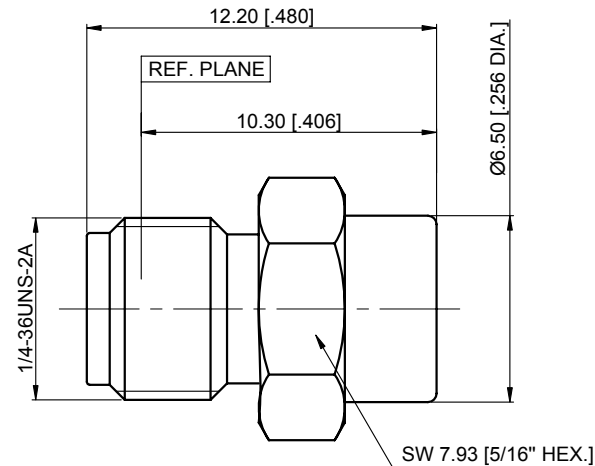
### Material & Finish

|             |                                     |
|-------------|-------------------------------------|
| Body        | Stainless Steel (SU303), Passivated |
| Pin Contact | Beryllium Copper Alloy, Gold-plated |

### Interface Standards

|        |              |
|--------|--------------|
| 2.92mm | MIL-STD-348A |
|--------|--------------|

| REVISIONS |                         |         |            |
|-----------|-------------------------|---------|------------|
| REV       | DESCRIPTION OF REVISION | ECN No. | DATE       |
| A         | INITIAL RELEASE         | —       | 08/02/2010 |



#### NOTES:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS  
ARE IN MILLIMETERS [INCHES].  
UNLESS OTHERWISE SPECIFIED DIMENSIONAL  
TOLERANCES ARE:

|    |               |
|----|---------------|
| XX | ±0.13 [.005"] |
| X  | ±0.20 [.008"] |
| X  | ±0.50 [.019"] |

ANGULAR TOLERANCES ARE: ALL ±1°

DO NOT SCALE DRAWING

PROJECTION:

|           |         |            |
|-----------|---------|------------|
| DRAWN:    | L. Ma   | 08/02/2010 |
| CHECKED:  | J. Zhu  | 08/02/2010 |
| APPROVED: | M. Dong | 08/02/2010 |

TITLE:

Precision 2.92mm Female  
Termination, 0.5W, 40GHz

**CMPter**®

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PART No.:  
**TP-2.92F-008**

|             |               |               |           |
|-------------|---------------|---------------|-----------|
| SIZE:<br>A4 | SCALE:<br>4:1 | SHEET:<br>1/1 | REV:<br>A |
|-------------|---------------|---------------|-----------|