

| REVISIONS |                         |         |          |          |
|-----------|-------------------------|---------|----------|----------|
| REV       | DESCRIPTION OF REVISION | ECN No. | DATE     | APPROVED |
| A         | INITIAL RELEASE         | —       | 25/09/12 | M. Dong  |
| B         | DIMENSIONS CHANGED      | —       | 02/21/13 | M. Dong  |

## TECHNICAL DATA

### Electrical

|                 |             |
|-----------------|-------------|
| Impedance       | 50 $\Omega$ |
| Frequency range | 0~65 GHz    |
| VSWR            | 1.25:1      |

### Mechanical & Environmental

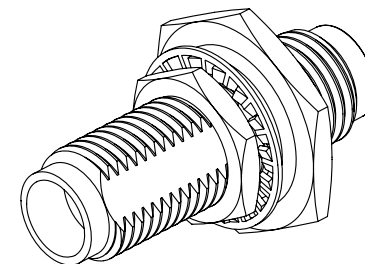
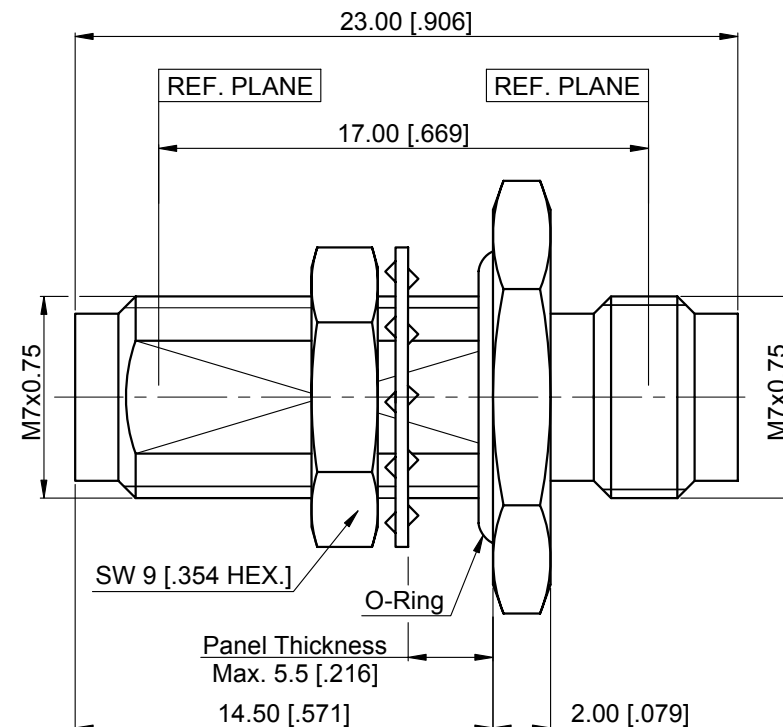
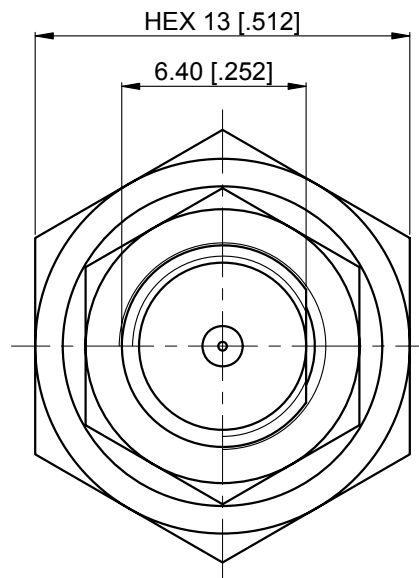
|                      |                  |
|----------------------|------------------|
| Durability (matings) | >500             |
| Temperature range    | -55 °C ~ +165 °C |
| RoHS Compliant       | Yes              |

### Material & Finish

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

### Interface Standards

|        |           |
|--------|-----------|
| 1.85mm | IEC-61169 |
|--------|-----------|



### NOTES:

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

|           |         |          |
|-----------|---------|----------|
| DRAWN:    | W. Shen | 25/09/12 |
| CHECKED:  | K. Liu  | 25/09/12 |
| APPROVED: | M. Dong | 25/09/12 |

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°

TITLE:

Precision Adapter, 1.85mm  
Waterproof Bulkhead Female  
to 1.85mm Female

DO NOT SCALE  
DRAWING

PROJECTION:

**CONNOR**  
www.connor.com

PART No.:  
**C102102120**

SIZE: A4 SCALE: 4:1 SHEET: 1/1 REV: B