

# TECHNICAL DATA

## Electrical

Impedance 50 Ω  
Frequency range 0~40 GHz  
VSWR ≤1.20 (DC to 18GHz)  
≤1.30 (18 to 26.5GHz)  
≤1.40 (26.5 to 40GHz)

Average Power 2W

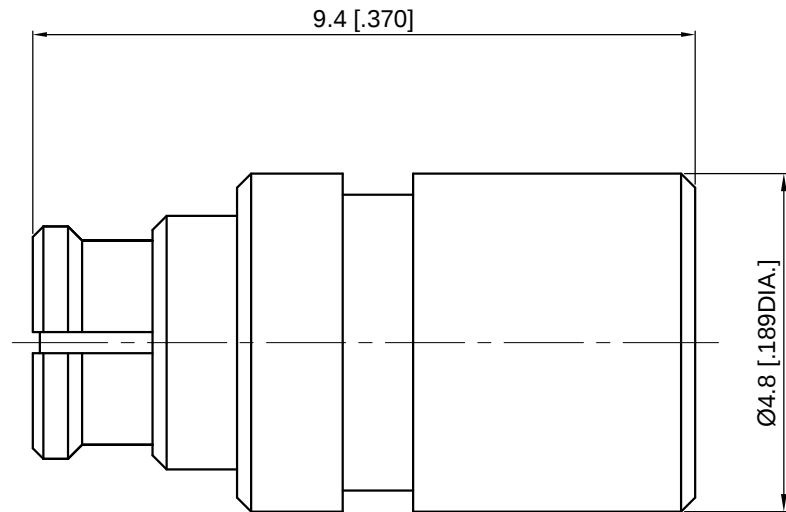
## Mechanical & Environmental

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

## Material & Finish

Body Beryllium Copper Alloy,Gold-plated  
Pin Contact Beryllium Copper Alloy,Gold-plated  
Insulator PTFE

| REVISIONS |                         |         |            |          |
|-----------|-------------------------|---------|------------|----------|
| REV       | DESCRIPTION OF REVISION | ECN No. | DATE       | APPROVED |
| A         | INITIAL RELEASE         | —       | 03/16/2018 | M. Dong  |



- 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].<br>UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE:<br>.XX   ±0.13 [0.005"]<br>.X    ±0.20 [0.008"]<br>X     ±0.50 [0.019"]<br><br>ANGULAR TOLERANCES ARE:     ALL= ±1°<br><br>DO NOT SCALE DRAWING<br><br>PROJECTION:  | DRAWN:                                             | L. Ma   | 03/16/2018 | <br>Cmpter Electronics Co., Ltd. <a href="http://www.cmpter.com">www.cmpter.com</a> |  |               |           |  |
|                                                                                                                                                                                                                                                                                                                                                                                        | CHECKED:                                           | J. Zhu  | 03/16/2018 |                                                                                                                                                                          |  |               |           |  |
|                                                                                                                                                                                                                                                                                                                                                                                        | APPROVED:                                          | M. Dong | 03/16/2018 |                                                                                                                                                                          |  |               |           |  |
|                                                                                                                                                                                                                                                                                                                                                                                        | TITLE:<br><br>SMP Female Termination,<br>2W, 40GHz |         |            | PART No.:<br><br>T-SMPF-061                                                                                                                                              |  |               |           |  |
| SIZE:<br>A4                                                                                                                                                                                                                                                                                                                                                                            |                                                    |         |            | SCALE:<br>10:1                                                                                                                                                           |  | SHEET:<br>1/1 | REV:<br>A |  |
|                                                                                                                                                                                                                                                                                                                                                                                        |                                                    |         |            |                                                                                                                                                                          |  |               |           |  |