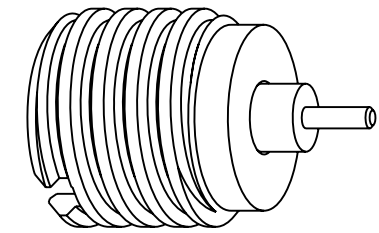


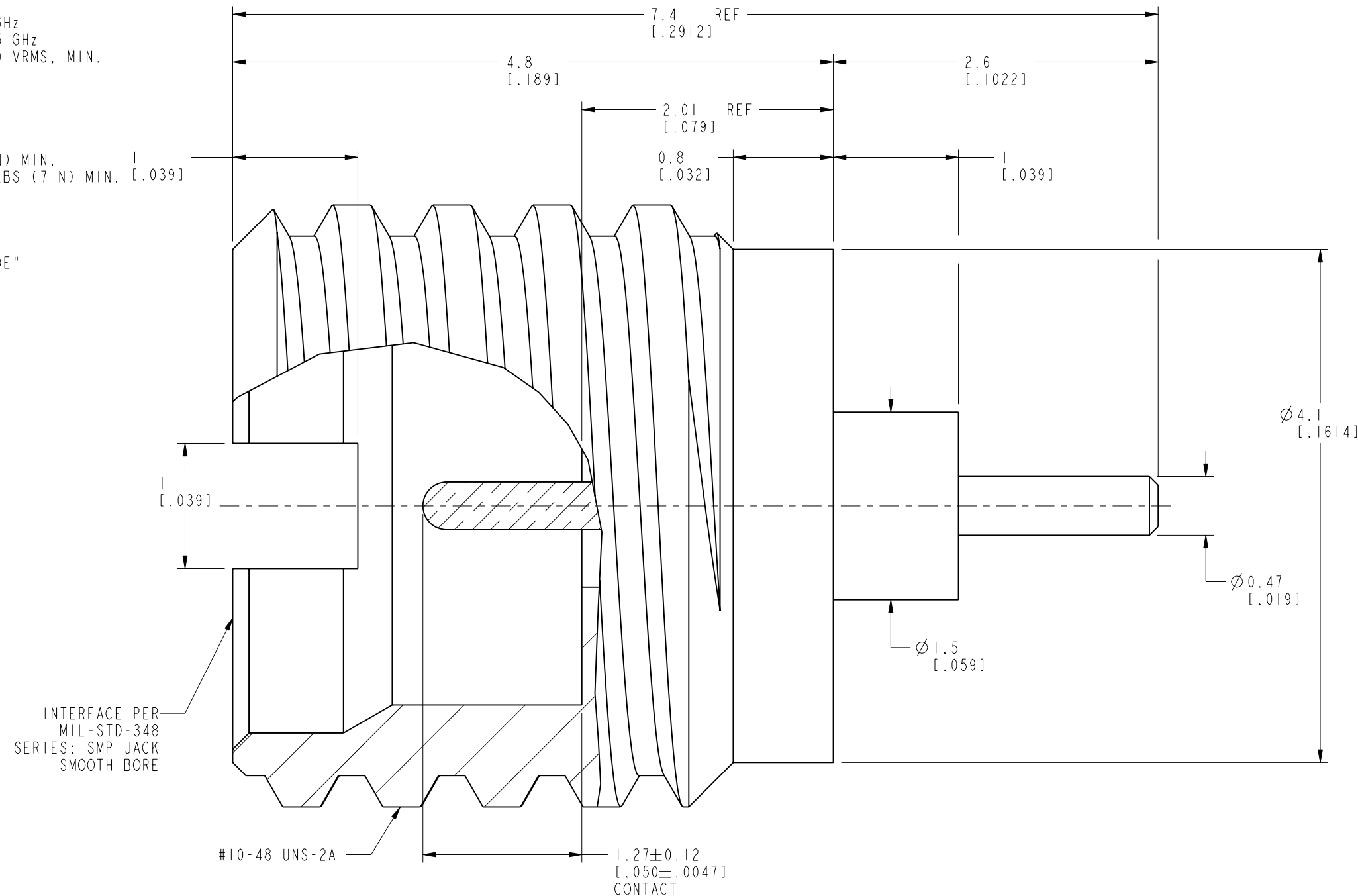
1. MATERIALS AND FINISHES:  
BODY - BRASS, GOLD PLATING  
CONTACT - BRASS, GOLD PLATING  
INSULATOR - PTFE, NATURAL
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 26.5 GHz  
C. VSWR(RETURN LOSS): 26 dB @ DC - 12 GHz  
20 dB @ 12 - 26.5 GHz  
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. MECHANICAL:  
A. DURABILITY: 1000 CYCLES MIN.  
B. TEMPERATURE RANGE: -55° C TO +165° C  
C. ENGAGEMENT FORCE: 2 LBS (9 N) MAX.  
D. DISENGAGEMENT FORCE: 0.5 LBS (0.22 N) MIN.  
E. INNER CONTACT RETENTION FORCE: 1.5 LBS (7 N) MIN. [.039]
4. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: PACKAGING TO BE MARKED  
"AMPHENOL RF, SMP-MSSB-CSB, DATE CODE"

REVISIONS

| REV | DESCRIPTION     | DATE      | ECN   | APPR |
|-----|-----------------|-----------|-------|------|
| A   | RELEASE TO MFG. | 01-Feb-19 | 10481 | SV   |



SCALE 6.000



## CUSTOMER OUTLINE DRAWING

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |                      |                   |                                               |              |                                       |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------|-------------------|-----------------------------------------------|--------------|---------------------------------------|--|
| <div>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:<br/> &lt;0.5mm      0.5 - 6mm      6 - 30mm      30 - 120mm      ANGLES<br/> ± 0.05mm    ±0.1mm      ±0.2mm      ± 0.3mm      ±1°</div> <div>NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.</div> | MATERIAL<br>SEE NOTES        | DRAWN<br>W. ZENG     | DATE<br>14-Feb-19 | TITLE<br>BHD SMP CANDLE<br>STICK, SMOOTH BORE |              | Amphenol RF<br><br>www.amphenolrf.com |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | REFERENCE                    | ENGINEER<br>S. DUAN  | DATE<br>20-Feb-19 |                                               |              | DRAWING NO. SMP-MSSB-CSB              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EAR# 8737<br>REF: ---        | APPROVED<br>S. HSIEH | DATE<br>20-Feb-19 | SCALE: 15.0:1.0                               | SHEET 2 OF 2 | ITEM NO. SMP-MSSB-CSB                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CONFIGURATION LEVEL: In Work | CAD FILE             | DWG SIZE<br>B     |                                               | REV<br>A     | PART NO. SMP-MSSB-CSB                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FINISH                       |                      |                   |                                               |              |                                       |  |