

NOTES:

1. MATERIALS AND FINISHES:

- BODY - BRASS, GOLD PLATING
- CONTACT - BeCu, GOLD PLATING
- INSULATOR - PTFE

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: 0-26.5 GHz
- C. VSWR: 1.05+0.02 f (GHz) MAX. @ 0-18 GHz  
1.5 MAX. @ 18-26.5 GHz
- C. D.W.V: 500 VRMS.
- D. INSULATION RESISTANCE: 1000 MΩ MIN.
- E. CONTACT RESISTANCE:
  - CENTER CONATCT - INITIAL 3.0 MΩ MAX.  
AFTER ENVIRONMENTAL 4.0 MΩ MAX.
  - OUTER CONATCT - INITIAL 2.0 MΩ MAX.  
AFTER ENVIRONMENTAL NOT APPLICABLE

3. MECHANICAL:

- A. DURABILITY: 500 CYCLES MIN.
- B. TEMPERATURE RANGE: -65°C TO +165°C
- C. ENGAGE/DISENGAGE TORQUE: 2 INCH-LBS MIN.
- D. MATING TORQUE: 7-10 IN-LBS WHEN BODY SUPPORTED WITH WRENCH  
8 IN-LBS MAX. UNSUPPORTED
- E. CONTACT RETENTION: 4 LBS MIN. AXIAL FORCE ON PCB END  
4 IN-OZ MIN. RADIAL TORQUE

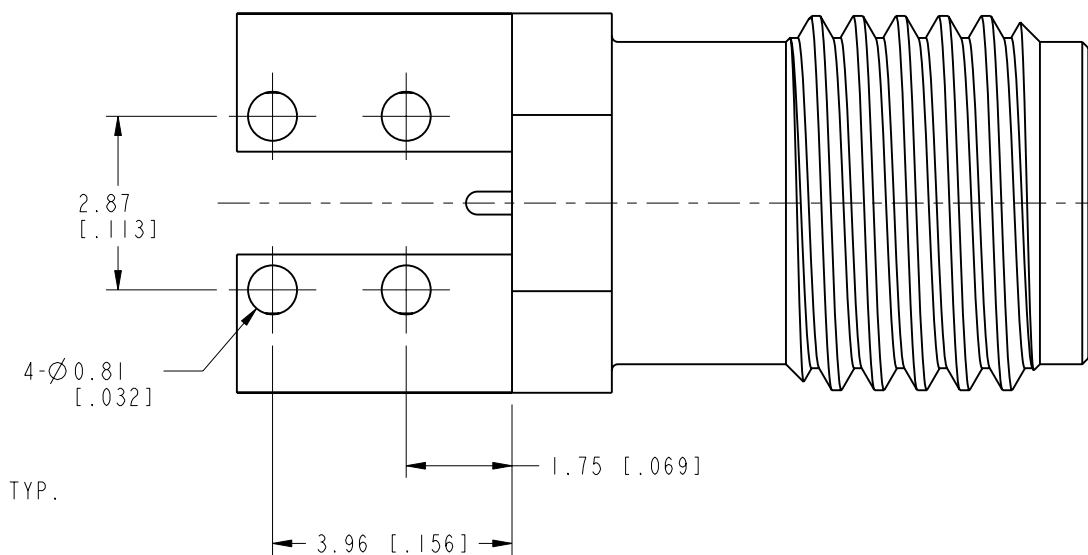
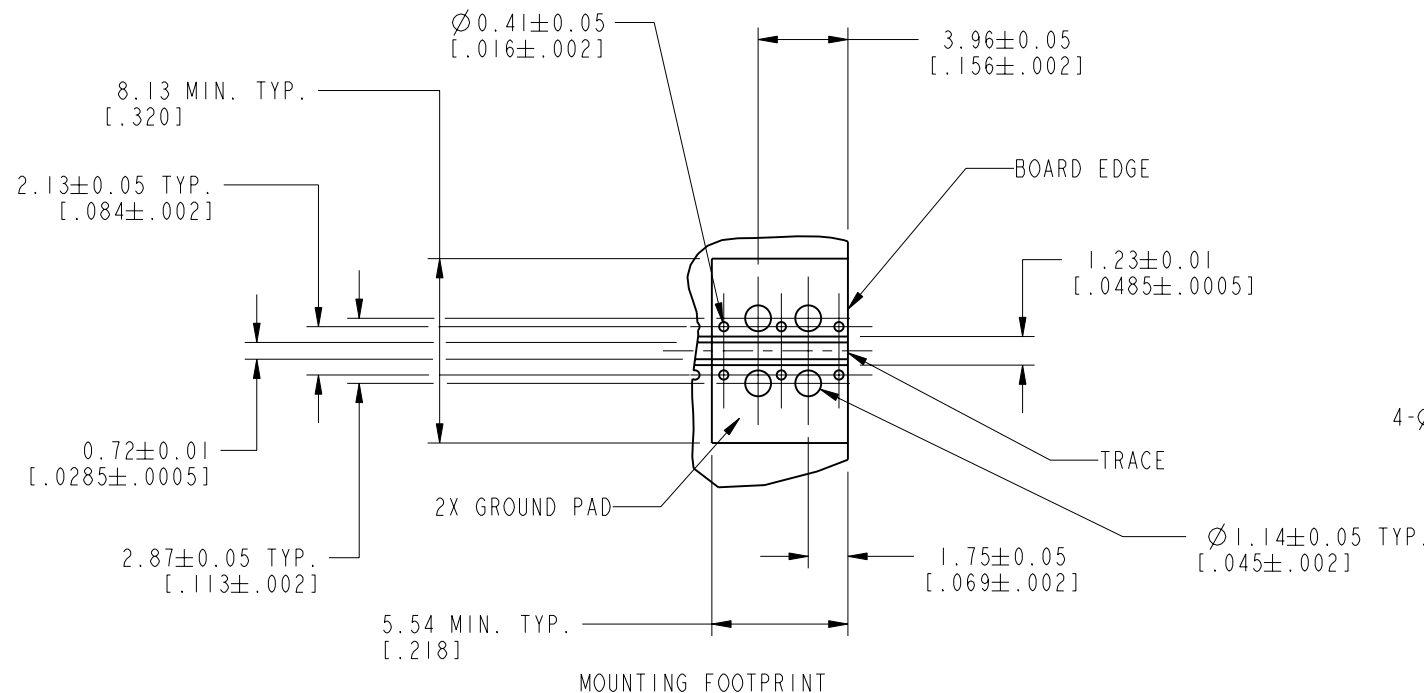
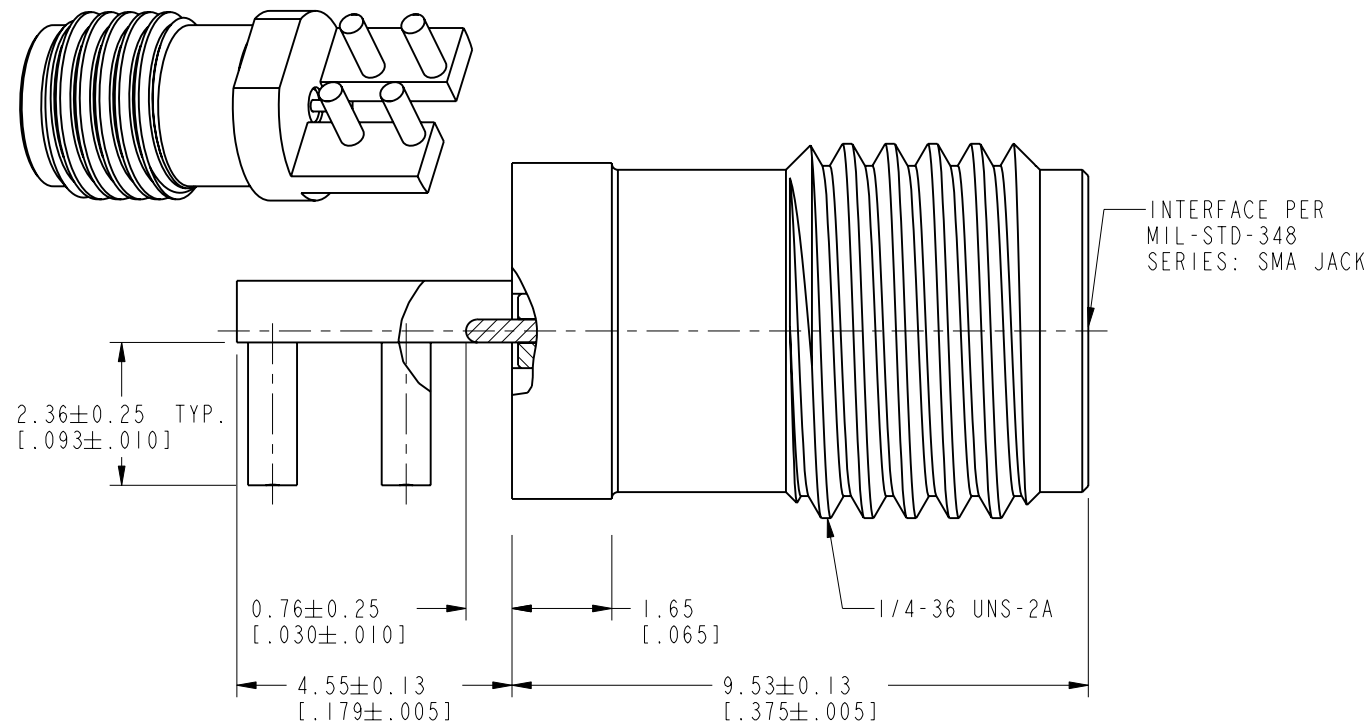
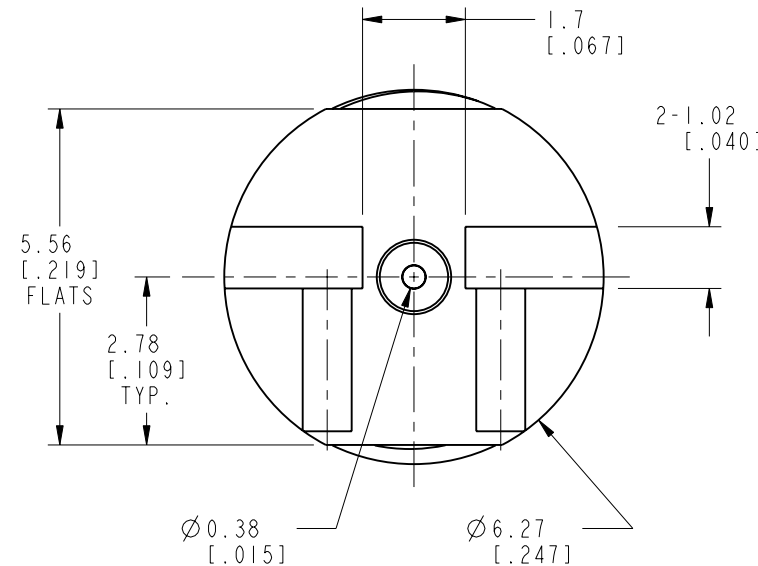
4. PACKAGING:

- A. QUANTITY: SINGLE PACK
- B. MARKING: BAG TO BE MARKED  
"AMPHENOLRF, 901-10512-2, AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	11-Jul-16	00403	KCE



**CUSTOMER OUTLINE DRAWING**  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:  
 <0.5mm ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°

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MATERIAL SEE NOTES
REFERENCE EAR# 6471
CONFIGURATION LEVEL: In Work
FINISH

DRAWN M. ZHANG	DATE 11-Jul-16
ENGINEER K. ELMES	DATE 1/29/16
APPROVED S. HSIEH	DATE 11-Jul-16
CAD FILE	

TITLE HIGH FREQ END LAUNCH SMA JACK ASSEMBLY, PC MOUNT, 15 MIL PIN	
SCALE: 8.0:1.0	SHEET 2 OF 2
DWG SIZE B	REV A

Amphenol RF www.amphenolrf.com	
DRAWING NO. 901-10512-2	
ITEM NO.	901-10512-2
PART NO.	901-10512-2

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