

THIRD ANGLE PROJ. 

REVISIONS

1. MATERIALS AND FINISHES:
BODY - STAINLESS STEEL, GOLD PLATED (.000030 MIN) OVER
COUPLING NUT - STAINLESS STEEL, PASSIVATED
CONTACT - BERYLLIUM COPPER, GOLD PLATED (.000030 MIN) OVE
INSULATOR - PTFE, NATURAL
GASKET - SILICONE RUBBER, RED
RETAINING RING - SUS 304, NATURAL
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 18 GHz
C. VSWR: 1.05 +.005f (GHz), MAX.
D. D.W.V: 1000 VRMS, MIN.
3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65°C TO +165°C
4. PACKAGE CONNECTOR IN ANTI-STATIC BAG 999-284.
MARK BAG: AMPHENOL, 901-9808-T, DATE CODE, AND WORK ORDER NUMBE

BODY	- STAINLESS STEEL, GOLD PLATED (.000030 MIN) OVER NICKEL (.000100 MIN).
COUPLING NUT	- STAINLESS STEEL, PASSIVATED
CONTACT	- BERYLLIUM COPPER, GOLD PLATED (.000030 MIN) OVER NICKEL (.000080 MIN).
INSULATOR	- PTFE, NATURAL
GASKET	- SILICONE RUBBER, RED
RETAINING RING	- SUS 304, NATURAL

2. ELECTRICAL:
 - A. IMPEDANCE: 50 OHM
 - B. FREQUENCY RANGE: DC - 18 GHz
 - C. VSWR: 1.05 + .005f (GHz), MAX.
 - D. D.W.V: 1000 VRMS, MIN.
3. MECHANICAL:
 - A. DURABILITY: 500 CYCLES MIN.
 - B. TEMPERATURE RANGE: -65°C TO +165°C
4. PACKAGE CONNECTOR IN ANTI-STATIC BAG 999-284.
MARK BAG: AMPHENOL, 901-9808-T, DATE CODE, AND WORK ORDER NUMBER

A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 18 GHz
C. VSWR: 1.05 + .005f (GHz), MAX.
D. D.W.V: 1000 VRMS, MIN.

3. MECHANICAL:

- A. DURABILITY: 500 CYCLES MIN.
- B. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGE CONNECTOR IN ANTI-STATIC BAG 999-284.
MARK BAG: AMPHENOL, 901-9808-T, DATE CODE, AND WORK ORDER NUMBE

A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGE CONNECTOR IN ANTI-STATIC BAG 999-284.
MARK BAG: AMPHENOL, 901-9808-T, DATE CODE, AND WORK ORDER NUMBE

MARK BAG: AMPHENOL, 901-9808-T, DATE CODE, AND WORK ORDER NUMBER

1.27~2.54
[.050~.100]
CLEAN FOR SOLDERING

45°

— 1.27~2.54
[.050~.100]
CLEAN FOR SOLDERING

RECOMMENDED CABLE STRIPPING DIM'S

Technical drawing of a mechanical part, likely a valve stem or shaft, showing a cross-section and a side view. The cross-section shows a central shaft with a threaded section (1/4-36UNS-2B) and a flange. The side view shows a cylindrical body with a central shaft. Dimensions are provided in inches: 8.38 [0.330] REF. for the main body length, 11.18 [0.440] REF. for the total length, and 3.64 MIN. [0.143] for the shaft diameter.

—1 / 4-36UNS-2B

- 8,38 [.330] REF.

- 11,18 [.440] REF.

Ø 3,64 MIN.
[.143]

- 6,22 HEX.
[.245]

- 7,92 HEX.
[.312]

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°	MATERIAL - REFERENCE EAR# 6826 AND 901-9808 CONFIGURATION LEVEL: In Work FINISH	DRAWN M. ZHANG	DATE 03-Nov-15	TITLE SMA SOLDER PLUG, WITH ANTI-TORQUE BODY (FOR .141 SEMI-RIGID CABLE)	Amphenol RF www.amphenolrf.com		
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.		ENGINEER B.C. GLEISSNER	DATE 17-Jul-15				
		APPROVED S.HSIEH	DATE 04-Nov-15			SCALE: 8.0:1.0	SHEET 2 OF 2
		CAD FILE	DWG SIZE B			REV A	
		DRAWING NO. 901-9808-T					
					ITEM NO. 901-9808-T		
					PART NO. 901-9808-T		