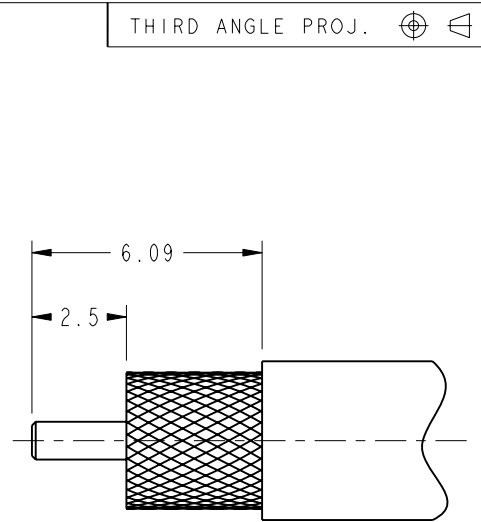
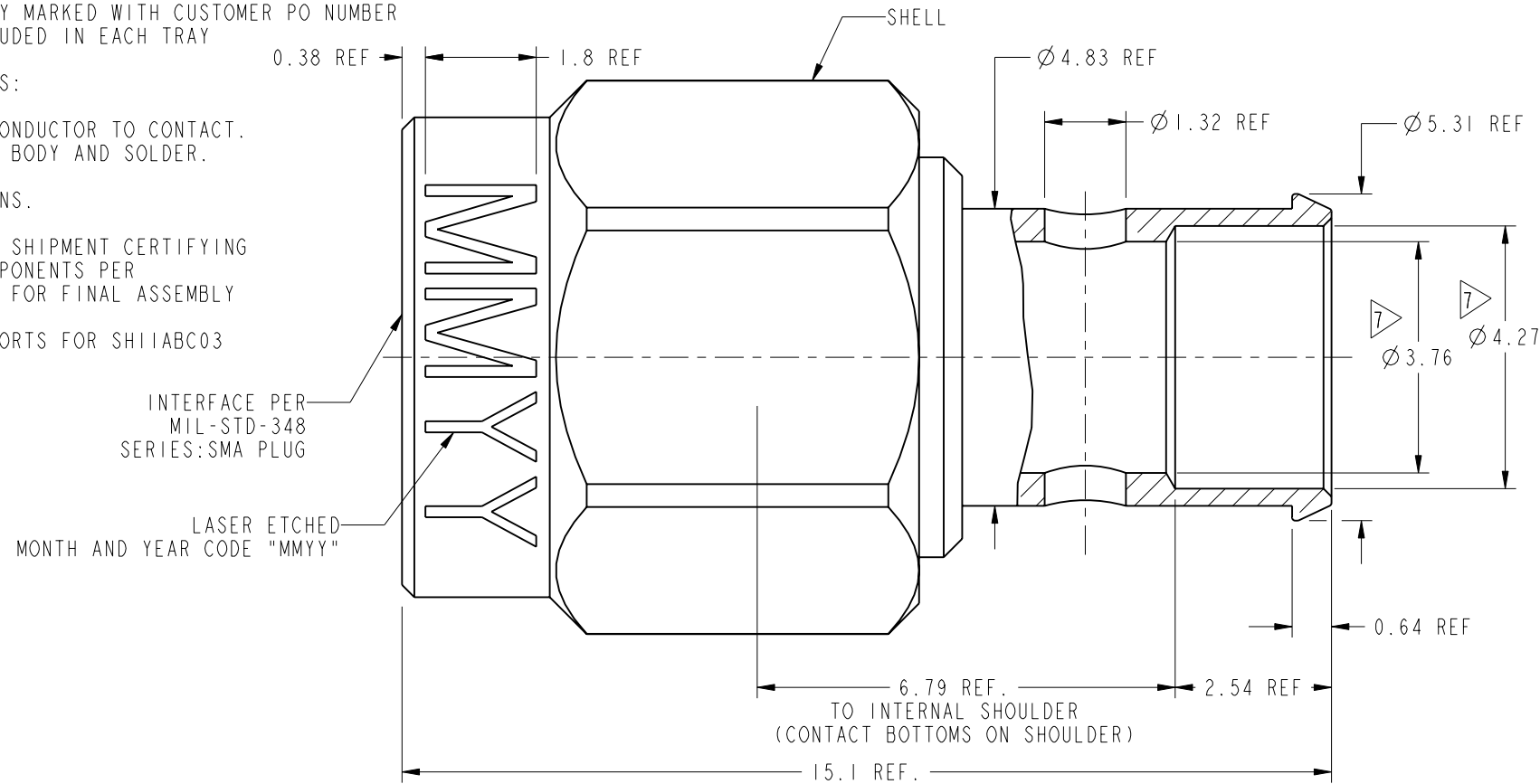


NOTES:

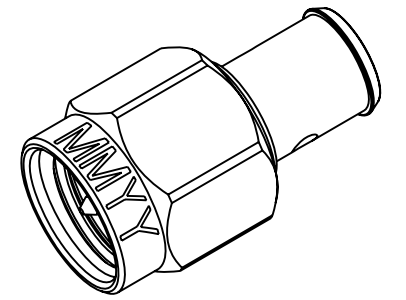
1. MATERIALS AND FINISHES:  
 BODY AND COUPLING NUT - BRASS, 200 MICROINCHES MIN. SILVER PLATING OVER COPPER STRIKE  
 CONTACT - BRASS, 50 MICROINCHES MIN. GOLD PLATING OVER 100 MICROINCHES MIN. NICKEL  
 PLATING OVER COPPER STRIKE  
 INSULATOR - PTFE
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 6 GHz  
 C. VSWR : 1.06 MAX FROM DC TO 2.5 GHz  
 1.20 MAX FROM 2.5 GHz TO 6 GHz
3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65 °C TO +165 °C  
 C. INSULATOR AND CENTER CONTACT WITHSTAND 6 LBS MIN AXIAL FORCE FROM THE CABLE DIRECTION.  
 D. RECOMMENDED COUPLING TORQUE : 7-10 IN-LBS.  
 MAXIMUM COUPLING TORQUE : 15 IN-LBS
4. VISUAL INSPECTION AT 10X MAGNIFICATION MUST SHOW NO BURRS, NO THREAD DAMAGE,  
 NO EXCESSIVE DENTS OR SCRATCHES, AND NO CONTAMINATION PER 349-50857.  
 VISUAL INSPECTION OF ALL COMPONENTS IN ASSEMBLY AT 10X MAGNIFICATION TO MEET C=0 AQL 4.0.  
 VISUAL INSPECTION OF GASKETS AT 30X MAGNIFICATION TO MEET C=0 AQL 4.0.
5. PACKAGING:  
 A. QUANTITY: BULK PACK 24 CONNECTORS WITH INDIVIDUALLY  
 BULK PACKED LOOSE COMPONENTS.  
 B. MARKING:  
 TRAY AND BOX TO BE MARKED: "AMPHENOL RF, 901-10405, DATE CODE, AND 311347"  
 BOX TO BE ADDITIONALLY MARKED WITH CUSTOMER PO NUMBER  
 DESICCANTS TO BE INCLUDED IN EACH TRAY
6. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.  
 C. INSERT CABLE INTO THE BODY AND SOLDER.

7. SHOWS CABLE ENTRY DIMENSIONS.

8. C OF C TO BE INCLUDED WITH SHIPMENT CERTIFYING  
 100% INSPECTION OF ALL COMPONENTS PER  
 349-50857 & AQL INSPECTION FOR FINAL ASSEMBLY  
 PER NOTE 4.
9. INCLUDE ALL INSPECTION REPORTS FOR SH11ABC03  
 WITH SHIPMENT.

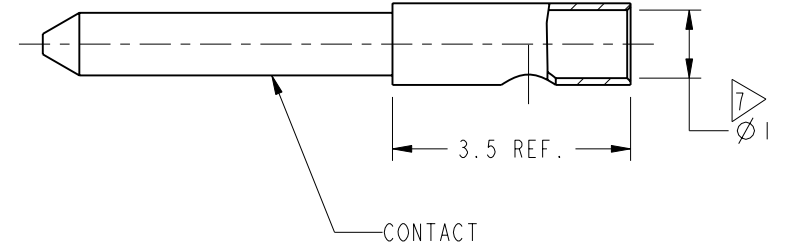


**RECOMMENDED CABLE STRIPPING DIMENSIONS**



SCALE 3.000

CHANGES THAT AFFECT THE FIT, FORM, OR FUNCTION OF THIS PART ARE NOT PERMITTED WITHOUT PRIOR CUSTOMER APPROVAL



**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°
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.

MATERIAL SEE NOTES	DRAWN SUDE	DATE 19-May-17
REFERENCE EAR # 4969	ENGINEER KARTHIK R	DATE 29-Mar-12
CONFIGURATION LEVEL:	APPROVED S. HSIEH	DATE 01-Jun-17
FINISH	CAD FILE	

TITLE SMA STR SOLDER PLUG FOR 0.141" SEMI-RIGID CABLE
SCALE: 9.0:1.0    SHEET 2 OF 2
DWG SIZE B
REV G

Amphenol RF www.amphenolrf.com	
DRAWING NO. 901-10405	
ITEM NO. 901-10405	
PART NO. 901-10405	

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	--	49117	MG
B	ADDED VISUAL INSPECTION AQL ADDED CUSTOMER P/N AND PO TO PACKAGING	11-Jul-12	49142	TD
C	PACKAGING NOTE UPDATED	28-Mar-13	49427	EW
D	ADD VISUAL INSPECTION SPEC. 349-50857 SEE NOTE 4 \RD-DMI408200IS2	29-Aug-14	50169	S.H
E	ADDED NOTE 8 FOR C OF C INSPECTION REQUIREMENT; SHELL WAS CHANGED; ADD NOTE 9/ RD-DMI504200IS7	12-May-15	50440	MJD
F	ADDED DESICCANT NOTE TO 5B\DMI511120IM3	19-Nov-15	50797	MD
G	OPTIMIZING STRUCTURE FOR SOLVE METAL DEBRIS, ADD DATE CODE TO COUPLING NUT \RD-DMI705230IS2	19-May-17	03961	KCE