

NOTES:

1. MATERIALS AND FINISHES:  
 BODY - BRASS, NICKEL PLATE (.000100" MIN.) OVER COPPER  
 CONTACT - BeCu, GOLD PLATE (.000005" MIN.) OVER ELECTROLESS NICKEL  
 BULLET CONTACT - BRASS, GOLD PLATE (.000005" MIN.) OVER ELECTROLESS NICKEL  
 INSULATOR - PTFE  
 COUPLING NUT - BRASS, NICKEL PLATE (.000100" MIN.) OVER COPPER  
 GASKET & O-RING - SILICONE RUBBER  
 FERRULE - COPPER, NICKEL PLATE (.000100" MIN.) OVER COPPER

2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 6 GHz  
 C. VSWR: 1.40 MAX.  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -40° C TO +85° C  
 C. INSULATOR RETENTION FORCE: 6 LBS MIN. TOWARDS INTERFACE DIRECTION

4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOLRF, 31-6622, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. SLIDE FERRULE ONTO CABLE.  
 C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT. BULLET CONTACT MUST  
 BOTTOM AGAINST CABLE DIELECTRIC. USE MINIMUM HEAT TO AVOID DAMAGING  
 CABLE INSULATION. REMOVE ANY EXCESS SOLDER AND FLUX FROM CONTACT SURFACE.  
 D. INSERT CABLE WITH DIELECTRIC ENTERING CONNECTOR AND BRAID OVER KNURL.  
 E. CRIMP FERRULE OVER BRAID WITH 0.178" HEX DIE.

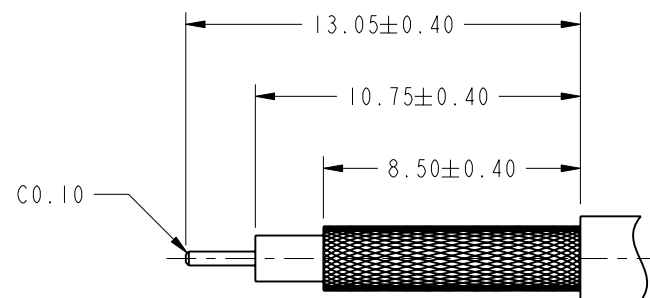
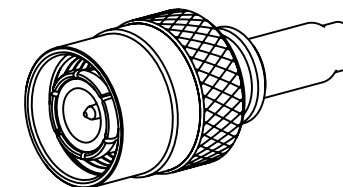
6. RECOMMENDED COUPLING TORQUE : 4-6 IN-LBS.  
 A QUANTIFIED TORQUE MEASUREMENT TOOL  
 IS RECOMMENDED.

7. SHOWS CABLE ENTRY DIMENSIONS.

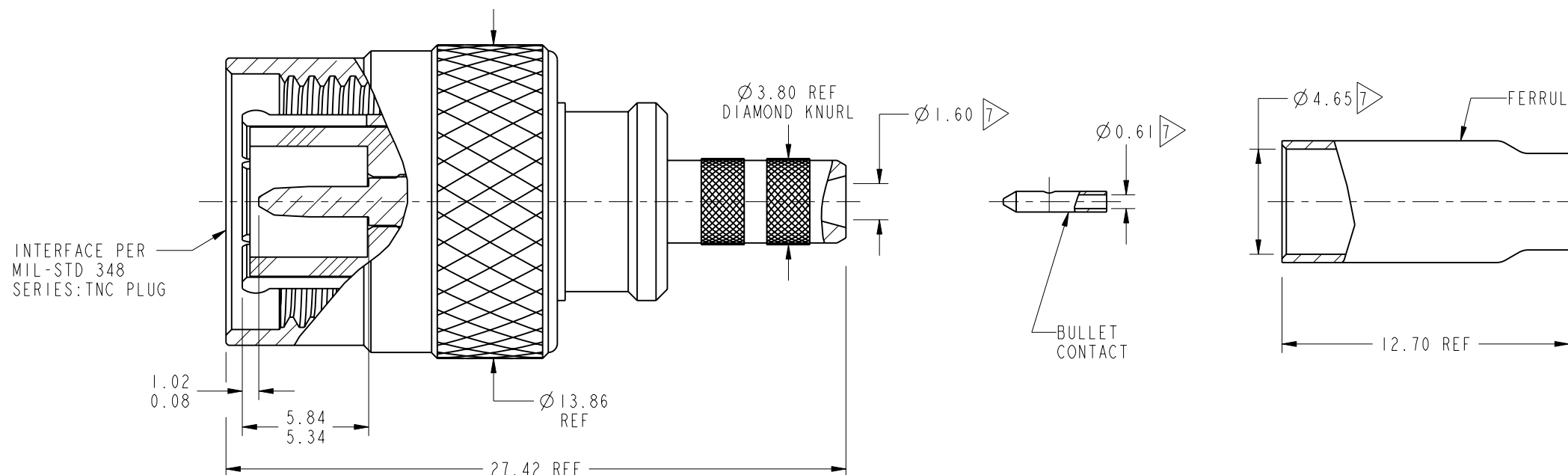
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	02-Jan-14	49653	RM



RECOMMENDED  
CABLE STRIPPING DIMENSIONS



**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	DRAWN R. MAO	DATE 02-Jan-14	TITLE TNC STR PLUG, IP 67 FOR SF-316 SMALLER CONNECTOR O.D	Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
	REFERENCE EAR # 5377	ENGINEER T. SMITH	DATE 02-Jan-14		
	FINISH	APPROVED S. HSIEH	DATE 02-Jan-14	SCALE: 4.0:1.0    SHEET 2 OF 2	ITEM NO. 31-6622
			CAD FILE	DWG SIZE B	REV A

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