

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.

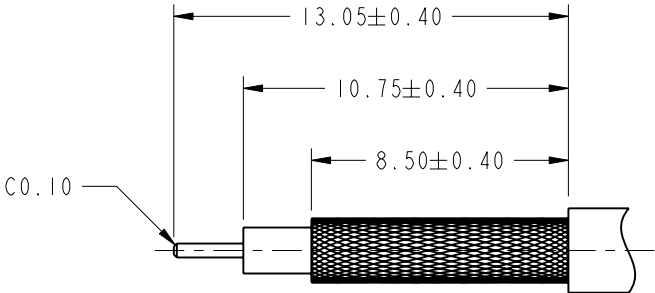
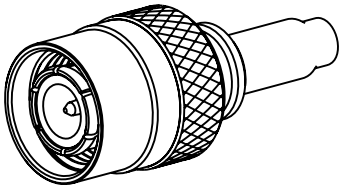
6. RECOMMENDED COUPLING TORQUE : 4-6 IN-LBS.
A QUANTIFIED TORQUE MEASUREMENT TOOL IS RECOMMENDED.

7. SHOWS CABLE ENTRY DIMENSIONS.

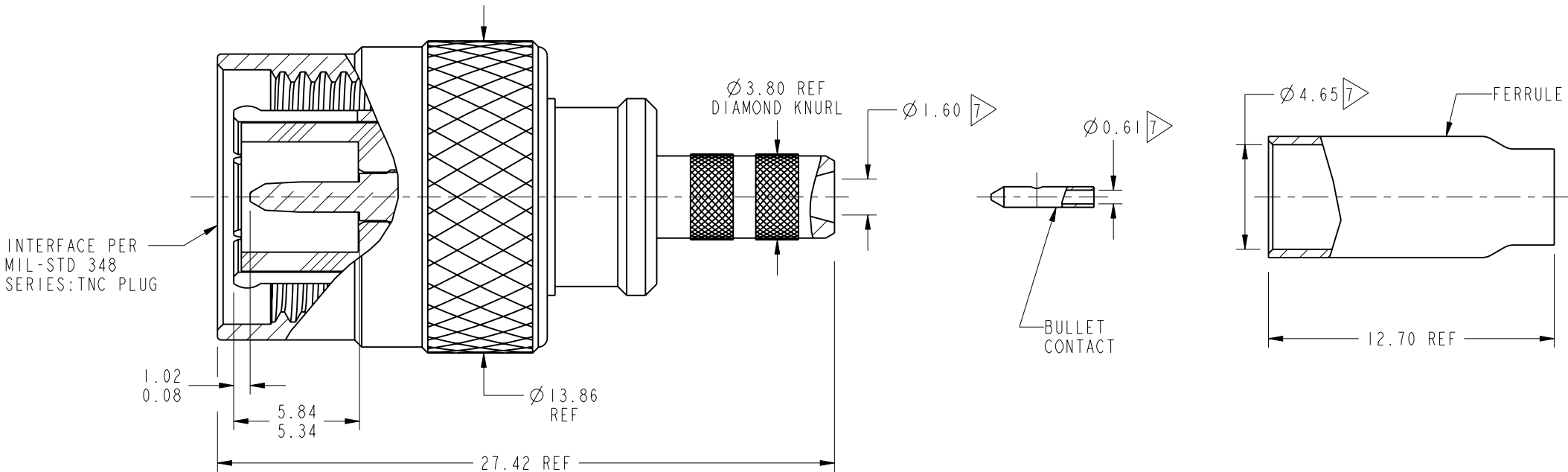
THIRD ANGLE PROJ.

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 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°	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	
		ENGINEER T. SMITH	DATE 02-Jan-14			
	REFERENCE EAR # 5377	APPROVED S. HSIEH	DATE 02-Jan-14	SCALE: 4.0:1.0	SHEET 2 OF 2	DRAWING NO. 31-6622
	FINISH	CAD FILE		DWG SIZE B	REV A	ITEM NO. 31-6622 PART NO. 31-6622