

NOTES:

1. MATERIALS AND FINISHES:
BODY AND BAYONET SLEEVE - BRASS, NICKEL PLATING
OUTER CONTACT - BeCu, NICKEL PLATING
CONTACT - PHOSPHOR BRONZE, GOLD PLATING
FERRULE - COPPER, NICKEL PLATING
INSULATOR - PTFE

2. ELECTRICAL:

- A. IMPEDANCE: 75 OHM
- B. FREQUENCY RANGE: DC - 3 GHz
- C. RETURN LOSS: 30 dB MIN @ DC - 3 GHz
- D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
- E. INSULATION RESISTANCE: 10,000 MΩ MIN

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

4. ENVIRONMENTAL:

- A. THERMAL SHOCK PER MIL-STD-202 METHOD 107
TEST CONDITION B (EXCEPT HIGH TEMP @200°C)
- B. VIBRATION: MIL-STD-202 METHOD 204 TEST CONDITION B
- C. SHOCK: MIL-STD-202 METHOD 213 TEST CONDITION B
- D. CORROSION: MIL-STD-202 METHOD 101
TEST CONDITION B 5% SALT SOLUTION

5. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: MARK BAG OR TAG:
"AMPHENOL RF, 34-1042 DATE CODE
U.S. PATENT NO. 7,553,177"

6. HIGH DENSITY INSTALLATION/REMOVAL TOOL: 227-T2000

7. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. SOLDER CONTACT TO CABLE CENTER CONDUCTOR
- C. INSERT CABLE
- D. CRIMP FERRULE WITH .128" HEX.

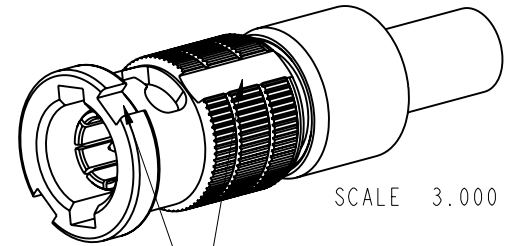
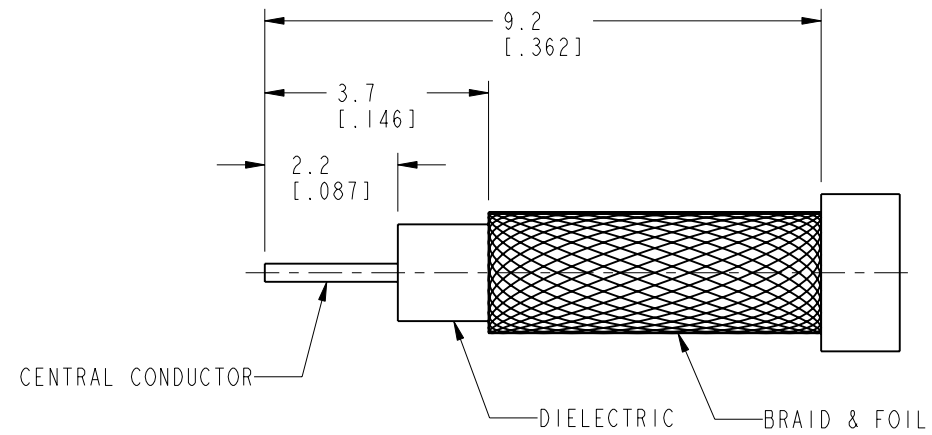
8. SHOWS CABLE ENTRY DIMENSIONS.

INTERFACE PER
349-50820
SERIES: HD-BNC PLUG

THIRD ANGLE PROJ. 

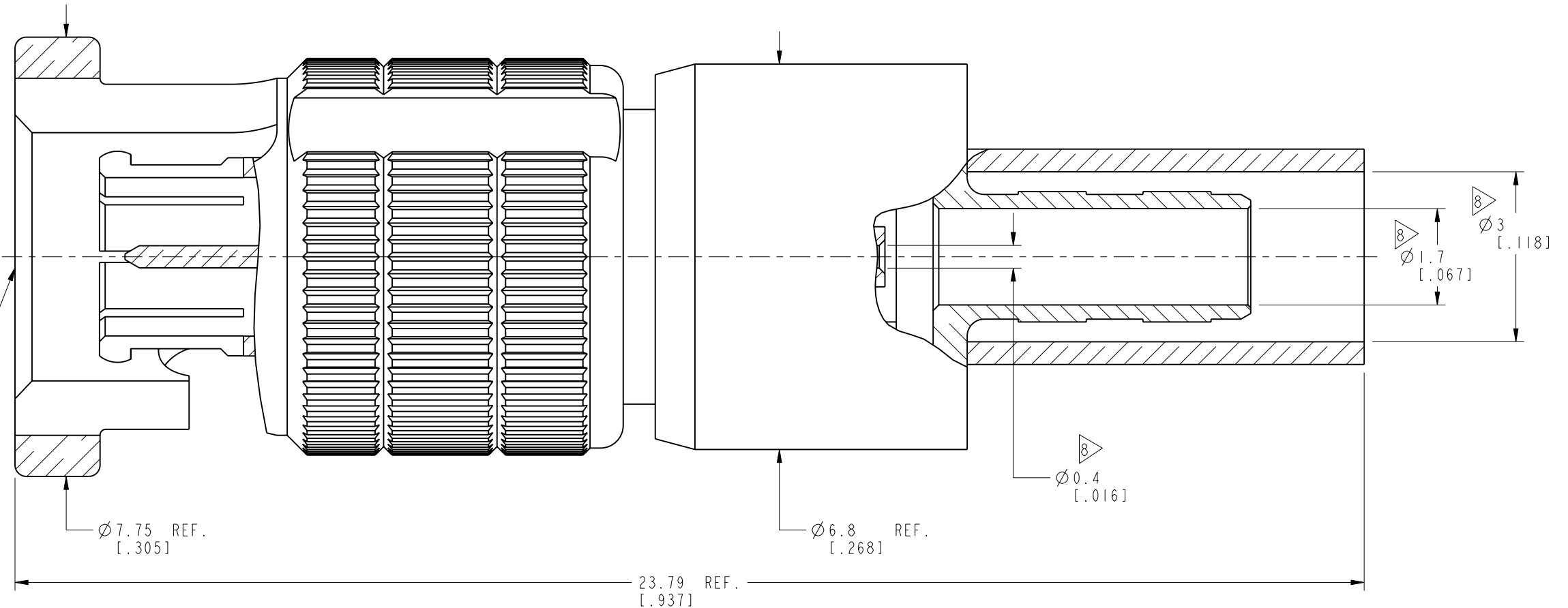
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	23-Jan-12	49135	ARUN
B	COUPLING MECHANISM UPDATED	01-Aug-13	49669	KR
C	NOTE 4 IN SHEET 1 WAS CHANGED.	07-Aug-18	08804	SH



STUD LOCATING - AND INSTALLATION/ REMOVAL TOOL GROOVES

RECOMMENDED CABLE STRIPPING DIMENSIONS



PROTECTED UNDER U.S. PATENT # 7,553,177

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 SEE NOTES	DRAWN W. ZENG		DATE 9-Aug-18		TITLE HD-BNC STR PLUG FOR BELDEN 179DT/ RG 179 CABLE		Amphenol RF www.amphenolrf.com	
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			APPROVED S. HSIEH		DATE 10-Aug-18					
			REFERENCE EAR # 4690		SCALE: 11.0:1.0		SHEET 2 OF 2		DRAWING NO. 34-1042	
CONFIGURATION LEVEL: In Work		CAD FILE		DWG SIZE B		REV C		ITEM NO. 34-1042		
FINISH								PART NO. 34-1042		