

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.

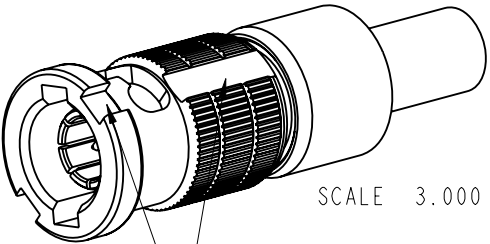
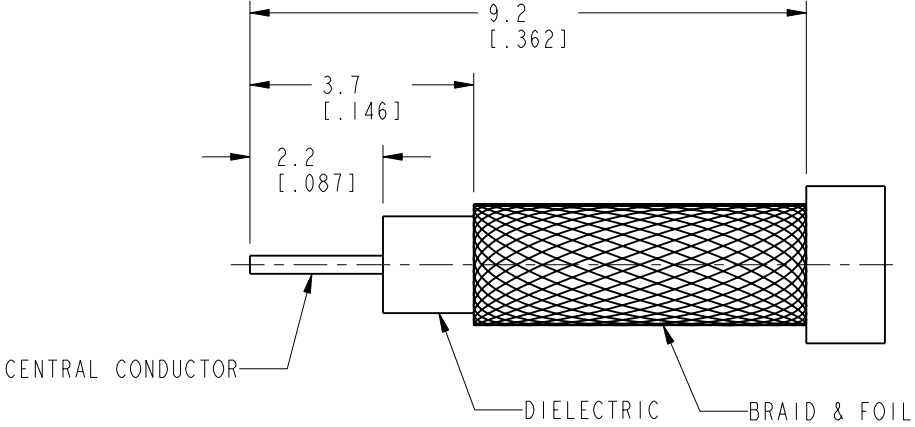
8. SHOWS CABLE ENTRY DIMENSIONS.

INTERFACE PER
349-50820
SERIES: HD-BNC PLUG

THIRD ANGLE PROJ.

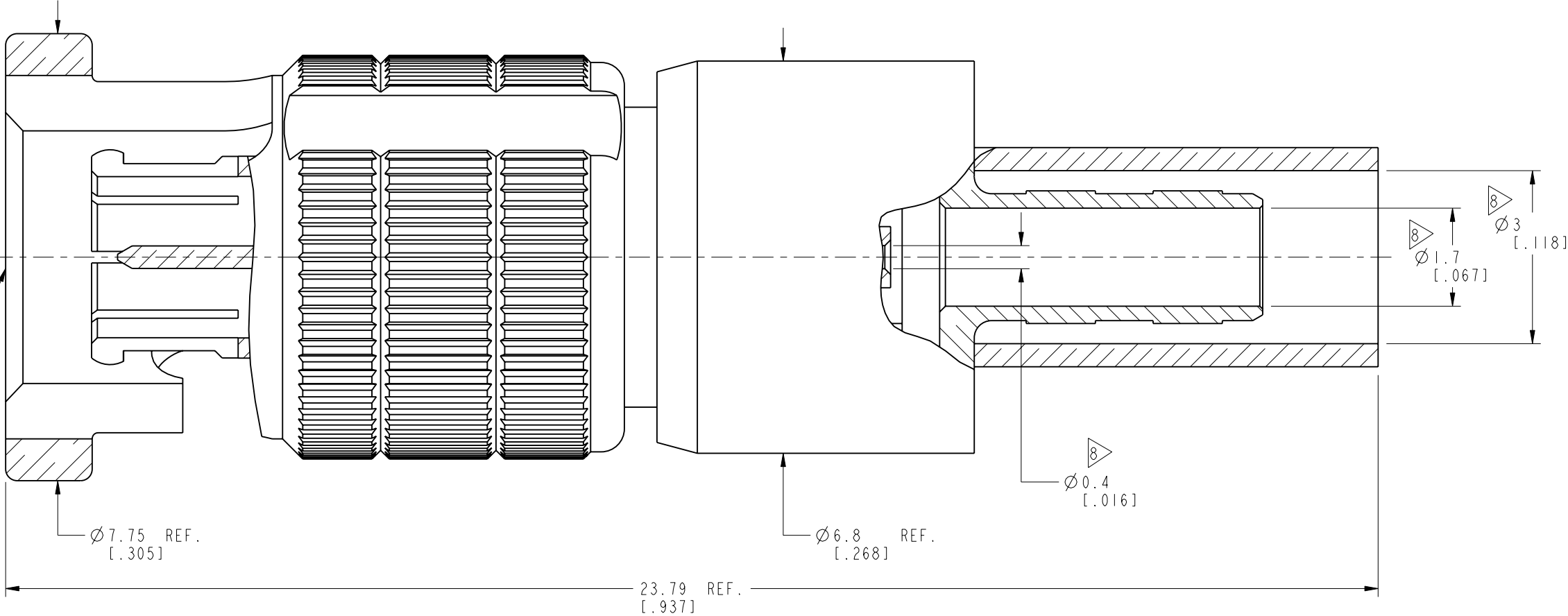
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	23-Jan-12	49135	ARUN
B	COUPLING MECHANISM UPDATED	01-Aug-13	49669	KR



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 ± 0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ± 0.3mm ANGLES ±1°

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MATERIAL SEE NOTES	DRAWN A ARUN PRABU	DATE 31-Jul-13	TITLE HD-BNC STR PLUG FOR BELDEN 179DT/ RG 179 CABLE		Amphenol RF www.amphenolrf.com	
	ENGINEER A ARUN PRABU	DATE 23-Jan-12				
	REFERENCE EAR # 4690	APPROVED S.HSIEH	DATE 01-Aug-13	SCALE: 11.0:1.0 SHEET 2 OF 2		DRAWING NO. 34-1042
	CONFIGURATION LEVEL: □□□□	CAD FILE		DWG SIZE B	REV B	ITEM NO. 34-1042
FINISH						PART NO. 34-1042