

NOTES:

1. MATERIALS AND FINISHES:
BODY AND BAYONET SLEEVE - BRASS, NICKEL PLATING
OUTER CONTACT - BeCu, NICKEL PLATING
CONTACT - PHOSPHOR BRONZE, GOLD PLATING
FERRULE - BRASS, NICKEL PLATING
INSULATOR - PTFE, NATURAL
2. ELECTRICAL:
A. IMPEDANCE: 75 OHM
B. FREQUENCY RANGE: DC - 4 GHz
C. RETURN LOSS: 30 dB MIN @ 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: BAG TO BE MARKED:
"AMPHENOL RF, 34-1037 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. CRIMP CONTACT TO CABLE CENTER CONDUCTOR
WITH .042" SQUARE DIE
C. CRIMP FERRULE WITH .197" OR .187" HEX.

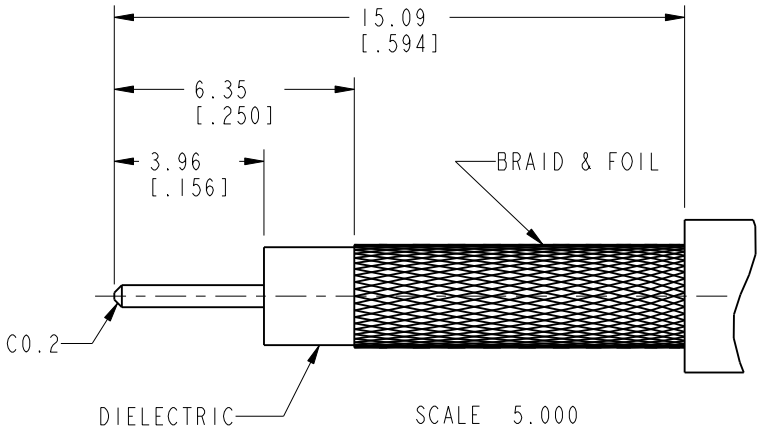
8> SHOWS CABLE ENTRY DIMENSIONS.

INTERFACE PER
349-50820
SERIES:HD-BNC PLUG

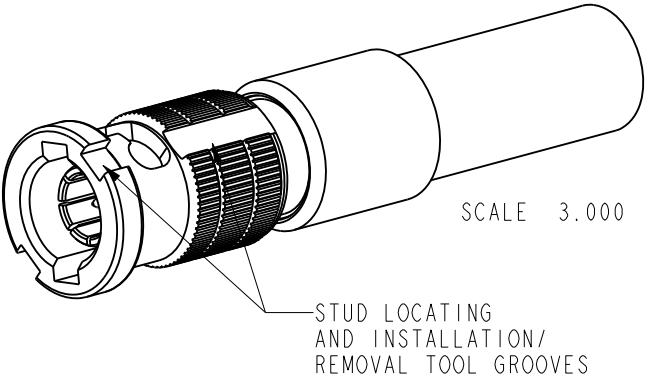
THIRD ANGLE PROJ.

REVISIONS

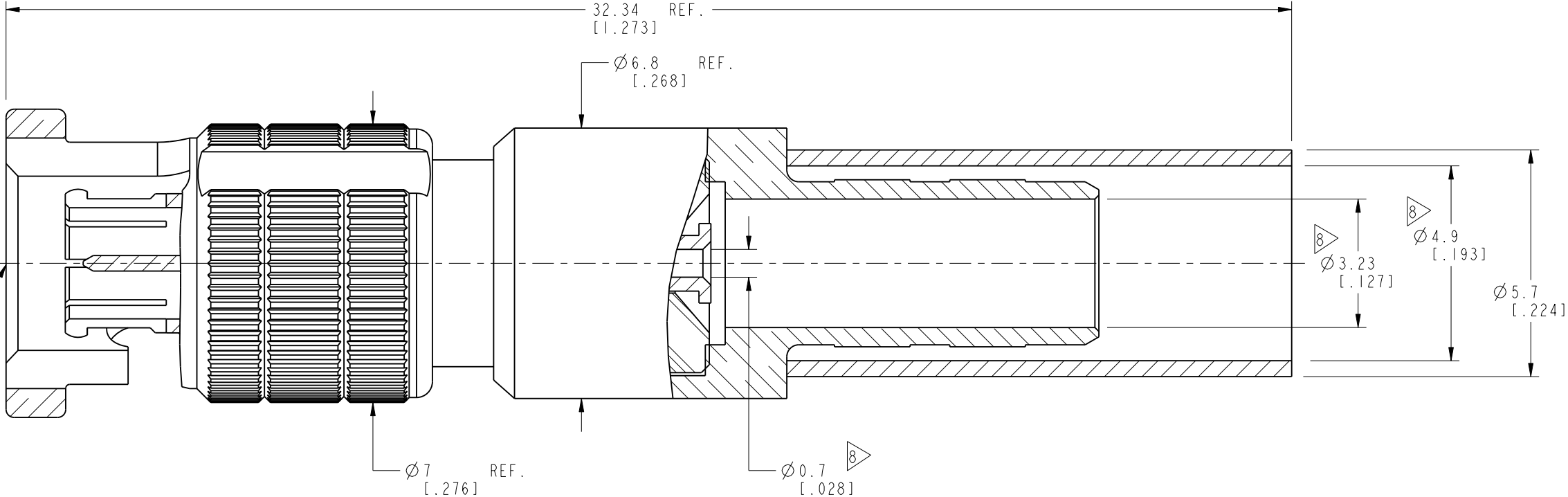
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASED TO MFG.	21-Mar-11	48506	TD
B	COUPLING MECHANISM UPDATED	20-Aug-12	49203	SH



U.S.PATENT NO. 7,553,177



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°

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MATERIAL	SEE NOTES
REFERENCE	EAR # 4296
CONFIGURATION LEVEL:	
FINISH	

DRAWN	T.DENG	DATE	20-Aug-12
ENGINEER	A ARUN PRABU	DATE	27-Sep-10
APPROVED	S.HSIEH	DATE	20-Aug-12
CAD FILE			

TITLE	
HD-BNC STR PLUG	
FOR B1855 ENH/DRAKA	
0.6/2.8 AF	
SCALE: 7.6:1.0	SHEET 2 OF 2
DWG SIZE	REV
B	B

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ITEM NO.34-1037
PART NO.34-1037