

NOTES:		THIRD ANGLE PROJ.			REVISIONS		
REV	DESCRIPTION		DATE	ECO	APPR		
A	RELEASED TO MFG.		09-Oct-10	48162	TD		
B	NOTE 5-B WAS CHANGED		23-Feb-11	48437	SH		
C	COUPLING MECHANISM UPDATED		20-Aug-12	49203	SH		

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

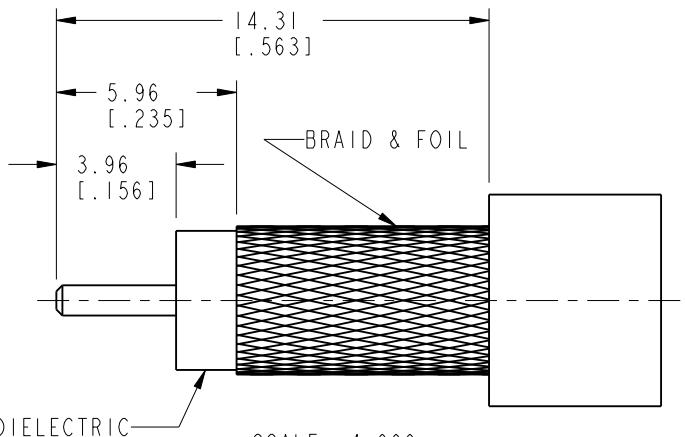
4. ENVIRONMENTAL:  
 A. THERMAL SHOCK PER MIL-STD-202 METHOD 107  
 TEST CONDITION B (EXCEPT HIGH TEMP @200°C)  
 B. VIBRATION: MIL-STD-202 METHOD 204 TEST CONDITION B  
 C. SHOCK: MIL-STD-202 METHOD 213 TEST CONDITION B  
 D. CORROSION: MIL-STD-202 METHOD 101  
 TEST CONDITION B 5% SALT SOLUTION

5. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED:  
 "AMPHENOL RF, 34-1025 DATE CODE  
 U.S. PATENT NO. 7,553,177"

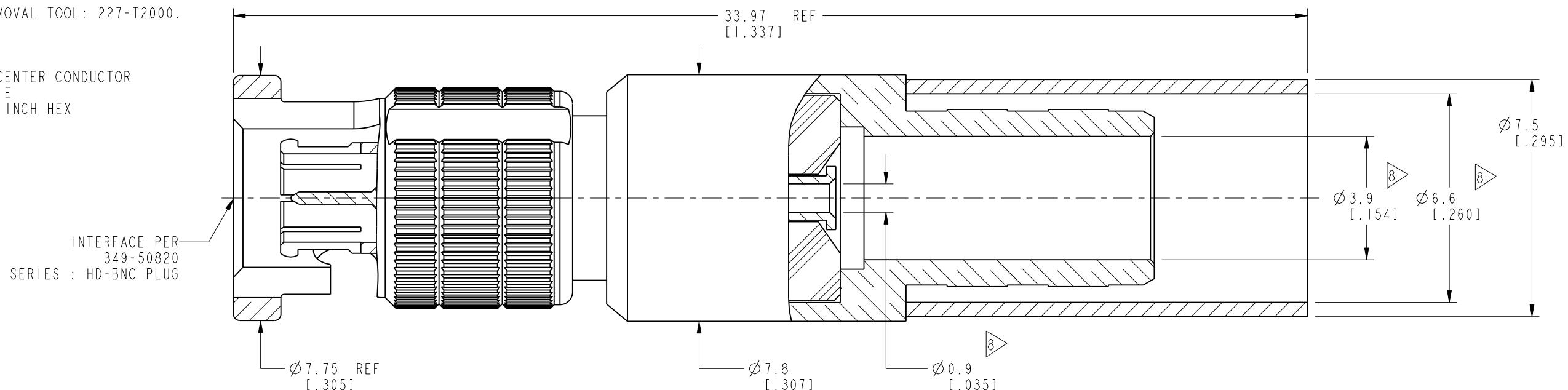
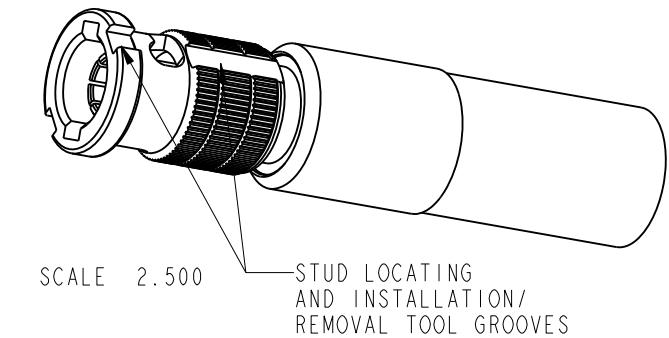
6. HIGH DENSITY INSTALLATION/REMOVAL TOOL: 227-T2000.

7. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. CRIMP CONTACT TO CABLE CENTER CONDUCTOR  
 WITH .042 INCH SQUARE DIE  
 C. CRIMP FERRULE WITH .255 INCH HEX

8. SHOWS CABLE ENTRY DIMENSIONS.



**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°

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MATERIAL SEE NOTES	DRAWN T.DENG	DATE 20-Aug-12	TITLE HD-BNC STR PLUG FOR BELDEN 1505A CABLE	DRAWING NO. 34-1025
	ENGINEER A ARUN PRABU	DATE 13-May-10		
REFERENCE EAR # 3983	APPROVED S.HSIEH	DATE 20-Aug-12	SCALE: 6.8:1.0 SHEET 2 OF 2	ITEM NO. 34-1025
CONFIGURATION LEVEL: FINISH	CAD FILE	DWG SIZE B	REV C	PART NO. 34-1025

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