

1. MATERIALS AND FINISHES:
BODY, FERRULE, BAYONET SLEEVE
WASHER & RETAINING RING - BRASS, NICKEL PLATING
OUTER CONTACT - BeCu, NICKEL PLATING
CONTACT - PHOSPHOR BRONZE, GOLD PLATING
INSULATORS - PTFE, NATURAL
GASKET - FLUOROSILICONE, BLACK
SPRING - STAINLESS STEEL, PASSIVATED
2. ELECTRICAL:
 - A. IMPEDANCE: 75 OHM
 - B. FREQUENCY RANGE: DC - 18 GHz
 - C. RETURN LOSS: 20 dB MIN @ DC - 6 GHz
15 dB MIN @ 6 - 12 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: -30° C TO +85° C

4. ENVIRONMENTAL:

THIRD A

- 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, 34-1120-12G DATE CODE"
BAG, OUTER BAG, OR BOX TO BE MARKED:
"U.S. PATENT NO. 7,553,177"

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

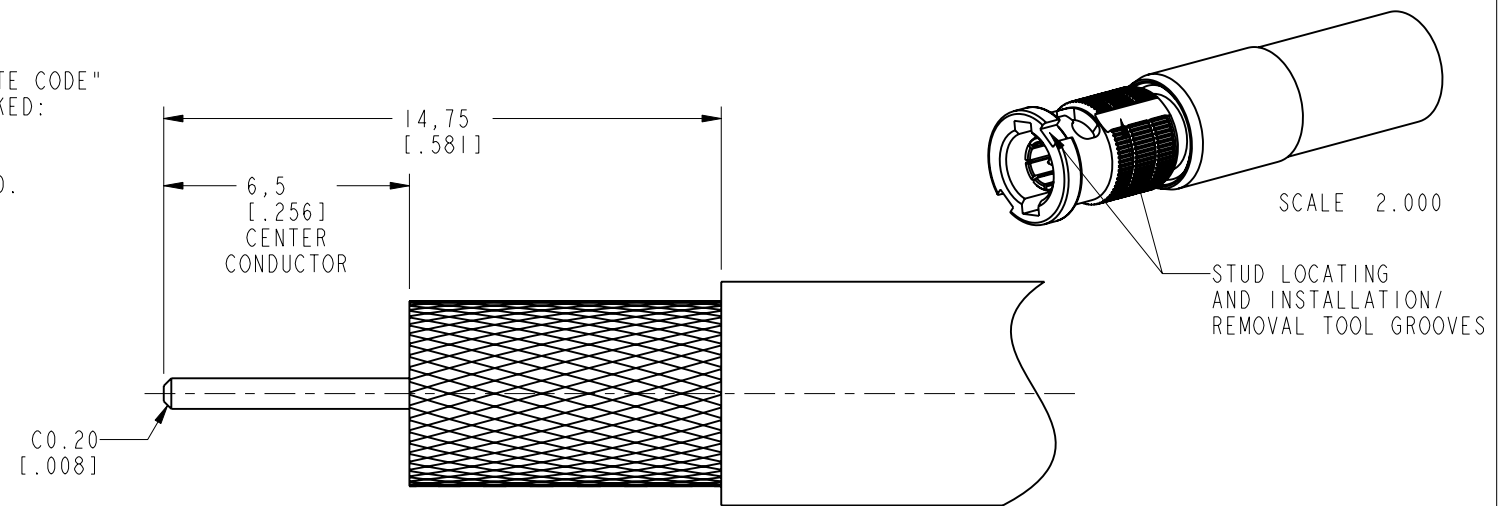
7. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. CRIMP CONTACT TO CABLE CENTER CONDUCTOR
WITH .042" SQUARE DIE
- C. CRIMP FERRULE WITH .255" HEX

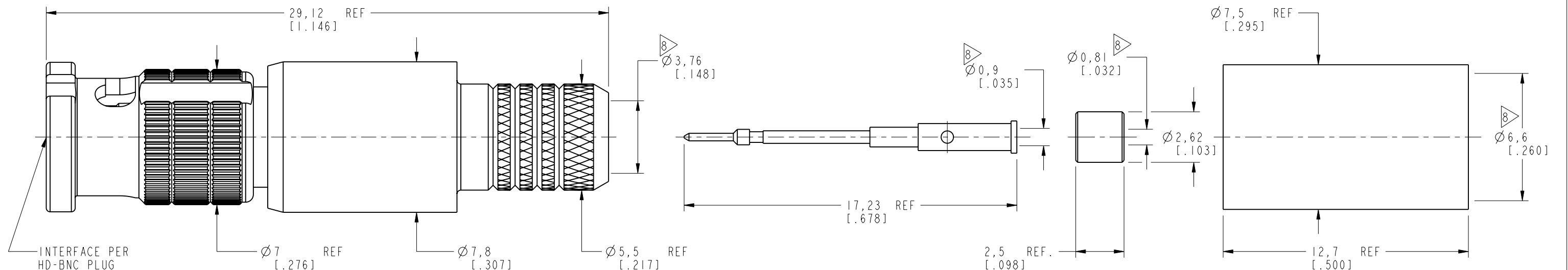
8. SHOWS CABLE ENTRY DIMENSIONS.



REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	18-Apr-18	07664	SV
B	NOTE 4 IN SHEET 1 WAS CHANGED	07-Aug-18	08804	SH



RECOMMENDED CABLE STRIPPING DIM'S



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

CUSTOMER OUTLINE DRAWING

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 4505R CABLE		Amphenol RF www.amphenolrf.com	
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			REFERENCE EAR# 7997 AND --	APPROVED S. HSIEH	DATE 10-Aug-18	SCALE: 5.0:1.0	SHEET 2 OF 2	ITEM NO. 34-1120-12G
			CONFIGURATION LEVEL: In Work	CAD FILE	DWG SIZE B		REV B	PART NO. 34-1120-12G
FINISH								