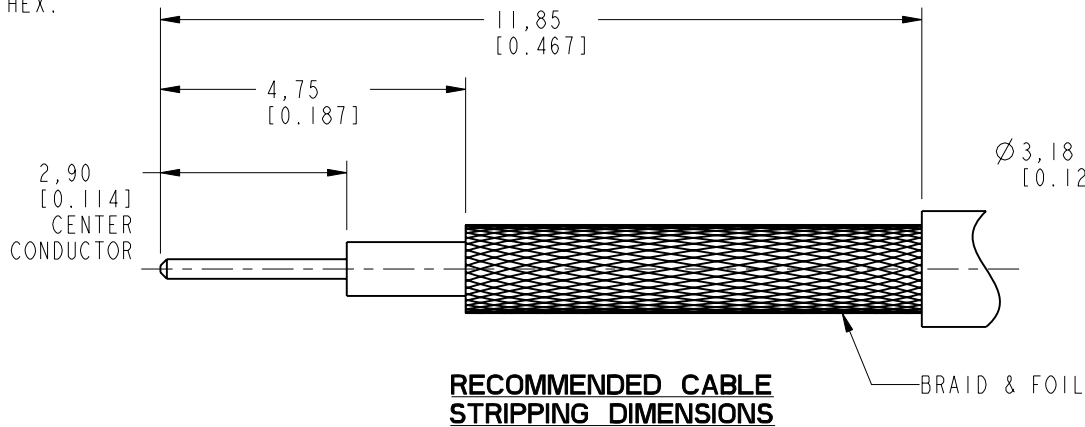


NOTES:

1. MATERIALS AND FINISHES:
BODY, BAYONET SLEEVE, RETAINING RING
WASHER & CAP - BRASS, NICKEL PLATING
OUTER CONTACT - BeCu, NICKEL PLATING
CONTACT - PHOSPHOR BRONZE, GOLD PLATING
FERRULE - COPPER, NICKEL PLATING
INSULATOR - PTFE, NATURAL
SPRING - STAINLESS STEEL, PASSIVATED
GASKET - FLUOROSILICONE, BLUE
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. VSWR: 1.12 MAX @ DC-3 GHz.
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 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, 34-5012 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. SLIDE THE FERRULE ONTO THE CABLE.
C. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.
D. CRIMP FERRULE WITH 0.105" HEX.
E. PRESS CAP FLUSH.

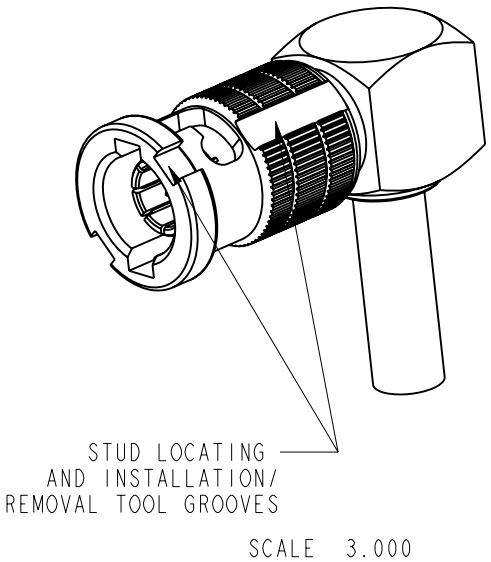
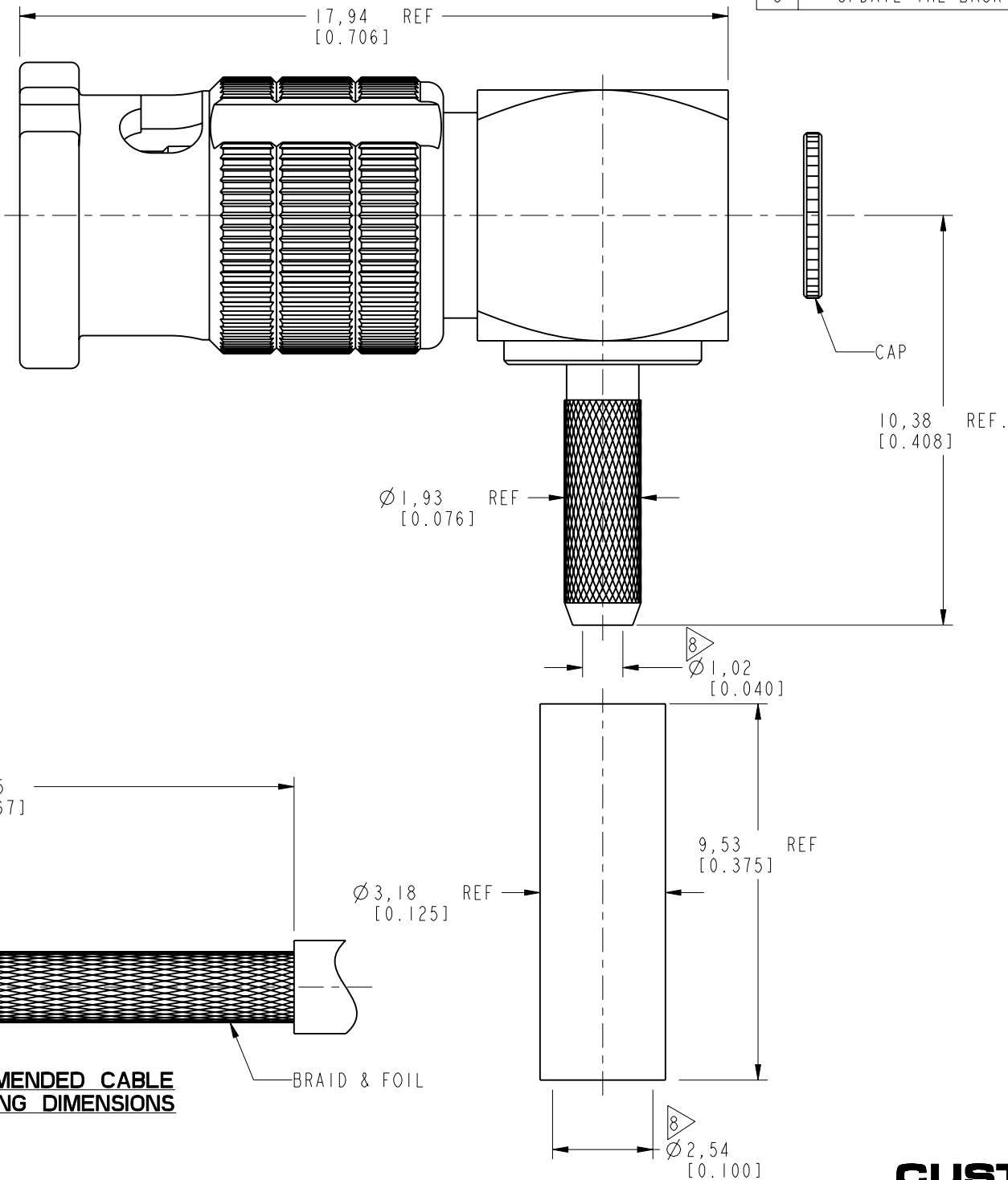
8> SHOWS CABLE ENTRY DIMENSIONS.



THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Apr-13	49282	FW
B	OPTIMIZED CRIMP DESIGN	23-Oct-17	05587	SS/VK
C	UPDATE THE BACK-END DESIGN ON DIAMOND KNURL	26-Feb-18	07068	SS



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° NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL SEE NOTES	DRAWN K.SONG DATE 01-Mar-18	TITLE 50 OHM HD-BNC RA PLUG FOR RG 178 CABLE	Amphenol RF www.amphenolrf.com
	REFERENCE EAR # 4505 & EAR 7188	ENGINEER A ARUN PRABU DATE 10-May-11		
	CONFIGURATION LEVEL: In Work	APPROVED S.HSIEH DATE 01-Mar-18	SCALE: 6.5:1.0 SHEET 2 OF 2	DRAWING NO. 34-5012
	FINISH	CAD FILE	DWG SIZE B	REV C
			ITEM NO. 34-5012	
			PART NO. 34-5012	