

NOTES:
1. MATERIALS AND FINISHES:
BODY - PHOSPHOR BRONZE, NICKEL PLATING (.0001" THICK)
CONTACT - BRASS, GOLD PLATING (.00003" THICK)
FERRULE - BRASS, NICKEL PLATING (.0001" THICK)
INSULATOR - PTFE

2. ELECTRICAL:
A. IMPEDANCE: 75 OHM
B. FREQUENCY RANGE: DC - 4 GHz
C. VSWR(RETURN LOSS): 1.3 MAX.
D. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO +165° C

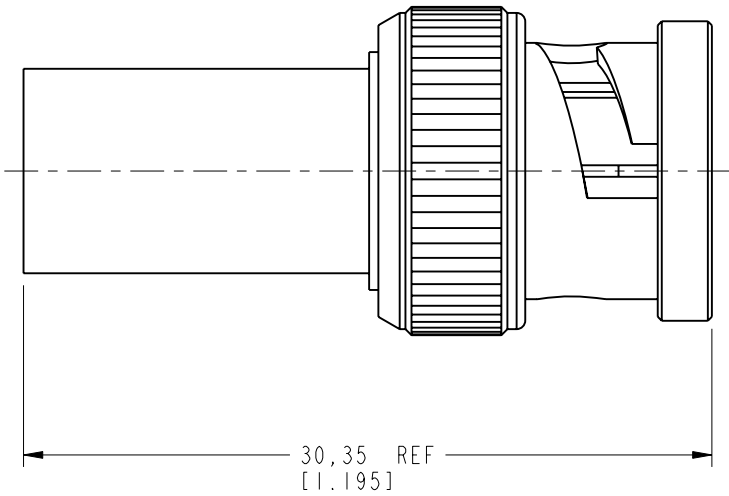
4. FERRULE TO BE CRIMPED WITH A .324 HEX DIE.
CONTACT TO BE CRIMPED WITH A .042 SQUARE DIE
OR A 8 PT CRIMPER AMPHENOL NUMBER 227-TI200

5. SHOWS CABLE ENTRY DIMENSIONS.

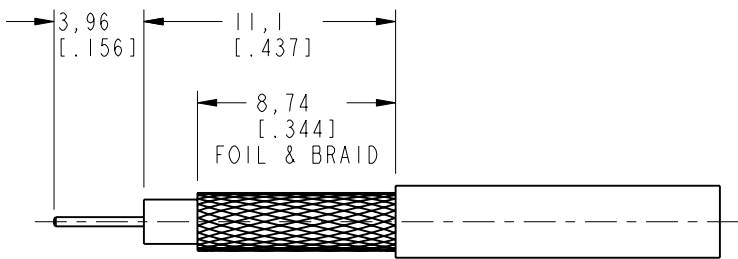
THIRD ANGLE PROJ.

REVISIONS

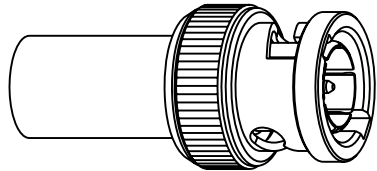
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	4/10/06	45950	MY
B	NOTE 4 SHT 2 'OR A 12 POINT..... INDENTOR TOOL'; .255 WAS .178	5/11/06	46083	CPM
C	SEE SHEET 1	8/10/06	46212	GSA
D	NOTE 4 '8 PT CRIMPER AMPHENOL NUMBER CTL-TI200'	8/6/07	46681	TC
E	227-TI200 WAS CTL-TI200\RD-DM110704011 INSIDE SPRING WAS CHANNGED\RD-DM09080201K	15-Jul-11	48649	DH
F	STAMP WAS CHANGED\RD-DM110825011	05-Sep-11	48757	SCOTT



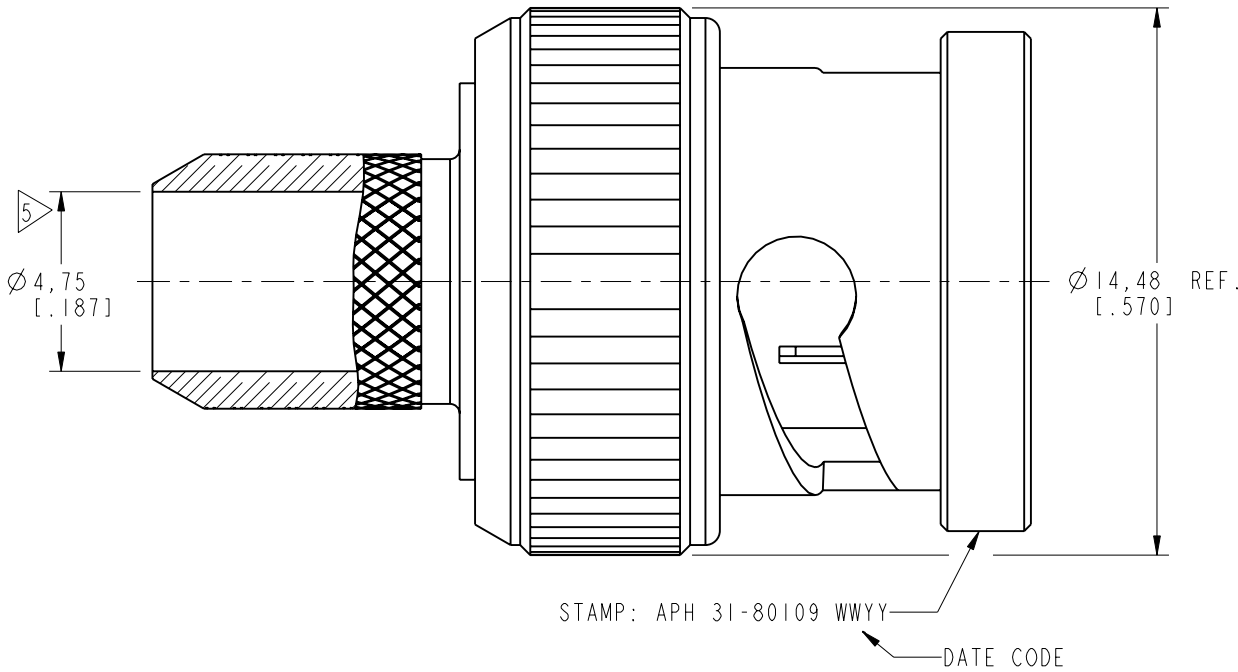
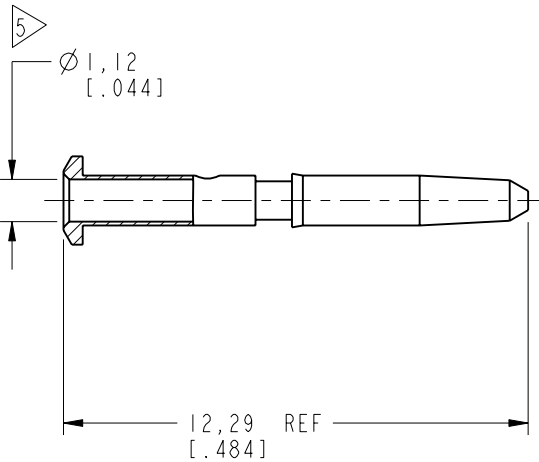
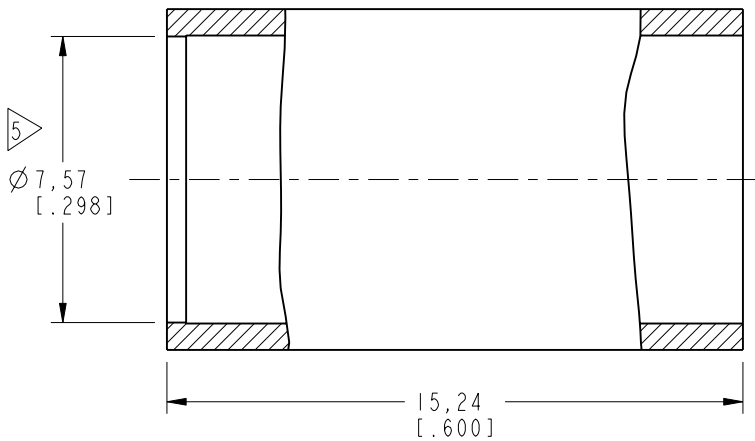
AFTER ASSEMBLY DIMENSIONS



RECOMMENDED
CABLE STRIPPING DIMENSIONS



SCALE 1:500



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 NOTE

REFERENCE

EAR # 1674 AND 611x-3996

CONFIGURATION LEVEL: □□□□

FINISH

DRAWN

I.XU

ENGINEER

G. ANTONINI

APPROVED

S.HSIEH

CAD FILE

DATE

25-Aug-11

DATE

03-Mar-05

DATE

05-Sep-11

TITLE

75 OHM BNC PLUG FOR
BELDEN 1694A CABLE

SCALE: 5.0:1.0

DWG SIZE

B

SHEET 2 OF 2

REV

F

Amphenol RF

Danbury CT USA, Tainan, Taiwan, Shenzhen, China
www.amphenolrf.com

DRAWING NO. 31-80109

ITEM NO. 31-80109

PART NO.31-80109