

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

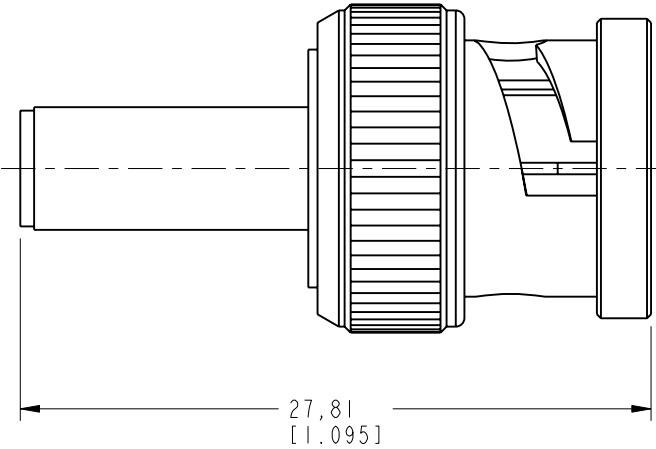
5. SHOWS CABLE ENTRY DIMENSIONS.

6. PACKAGING: BULK PACK PER TABLE

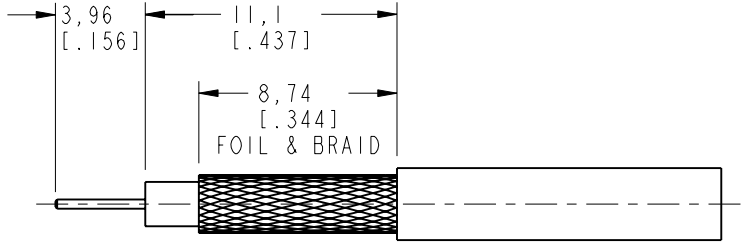
THIRD ANGLE PROJ.

REVISIONS

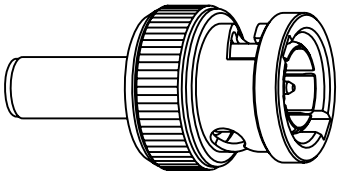
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	3/27/06	45978	CPM
B	NOTE 4 SHT 2 'OR A 12 POINT CENTER CONTACT INDENTOR TOOL'	5/11/06	46083	CPM
C	NOTE 4 '8 PT CRIMPER AMPHENOL NUMBER CTL-TI200'	8/6/07	46681	TC
D	227-TI200 WAS CTL-TI200\RD-DM110704011 INSIDE SPRING WAS CHANGED\RD-DM09090201K	15-Jul-11	48649	DH
E	STAMP WAS CHANGED/ RD-DM110825011	05-Sep-11	48757	SCOTT



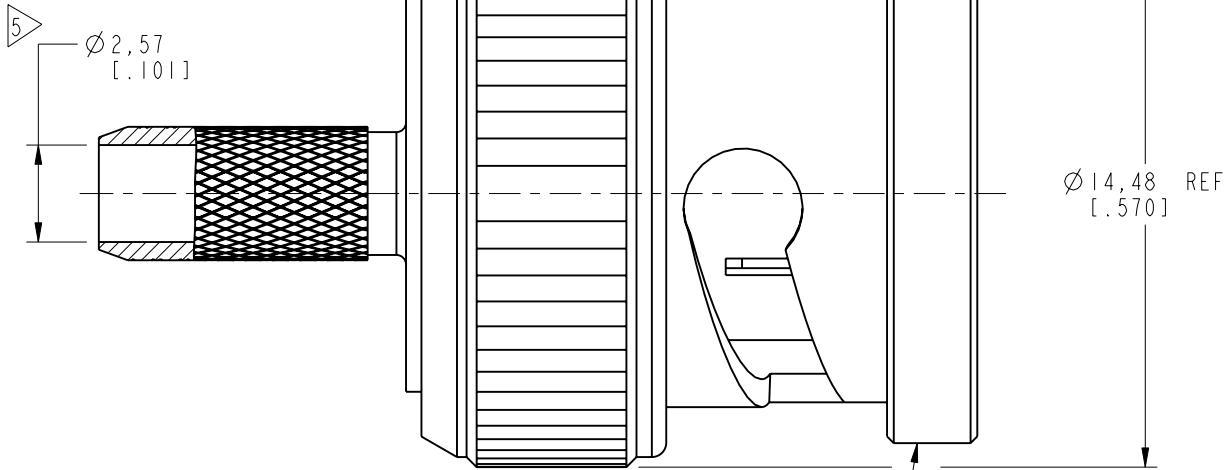
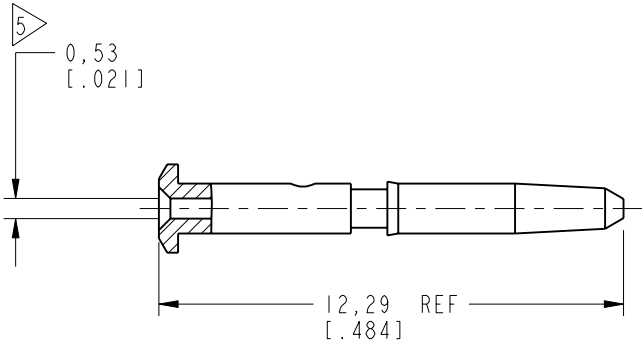
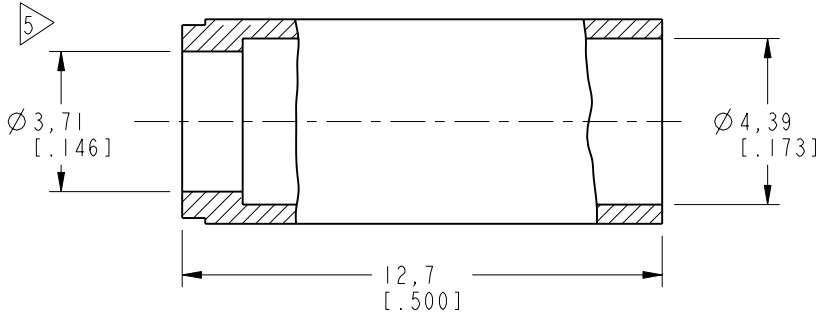
AFTER ASSEMBLY DIMENSIONS



RECOMMENDED
CABLE STRIPPING DIMENSIONS



SCALE 1.500



STAMP: APH 31-80105-XXX WWYY

DATE CODE

PART NUMBER	QTY
31-80105-BIC	100
31-80105-B2C	200
31-80105-B5C	500
31-80105-BIM	1000

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	DATE	26-Aug-11
ENGINEER	G. ANTONINI	DATE	03-Mar-05
APPROVED	S.HSIEH	DATE	05-Sep-11
CAD FILE			

TITLE	
75 OHM BNC PLUG FOR AT&T 735A CABLE	
SCALE: 5.0:1.0	SHEET 2 OF 2
DWG SIZE	REV
B	E

Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
DRAWING NO. 31-80105-XXX	
ITEM NO. 31-80105-XXX	
PART NO.31-80105-XXX	