

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

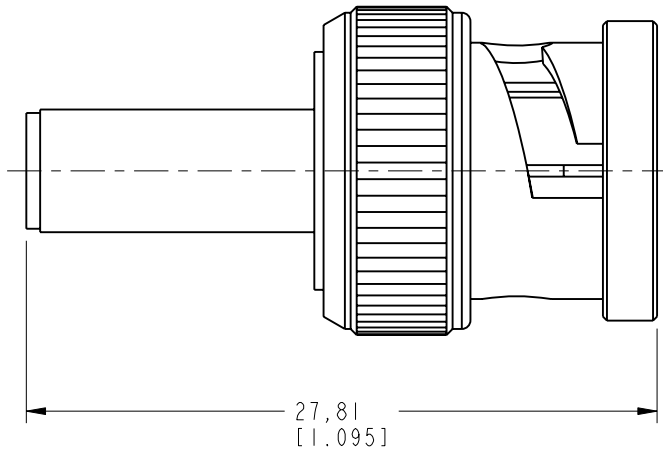
4. FERRULE TO BE CRIMPED WITH A .178 HEX DIE.  
 CONTACT TO BE CRIMPED WITH A .042 SQUARE DIE  
 OR A 8 PT CRIMPER AMPHENOL NUMBER 227-T1200

5 SHOWS CABLE ENTRY DIMENSIONS.

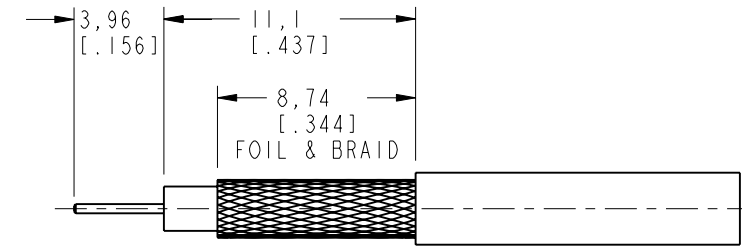
THIRD ANGLE PROJ.

REVISIONS

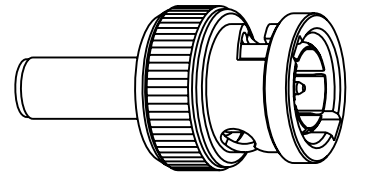
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	4/11/05	45903	GSA
B	DANBURY: FR-54-44-51-37X127 WAS 31-12690-5NA ARFA: NO. 1,2,4,5,6 WERE CHANGED/RD-DM06021001K	6/13/05	45579	GSA
C	DANBURY: REDESIGNED FOR STANDARD PARTS; ARFA: CABLE STRIPPING WAS CHANGED/RD-DM06091501S	2/9/06	45903	GSA
D	ARFA: CRIMP TOOL WAS CHANGED/RD-DM08080401K DANBURY: ADDED SHEET 2 NOTE 4 ".....TOOL"	5/11/06	46083	CPM
E	SHEET 2 NOTE 4 WAS CHANGED	8/6/07	46681	TC
F	227-T1200 WAS CTL-T1200	7/30/08	47155	JL
G	STAMPING WAS CHANGED/RD-DM110825011	07-Sep-11	48757	SCOTT



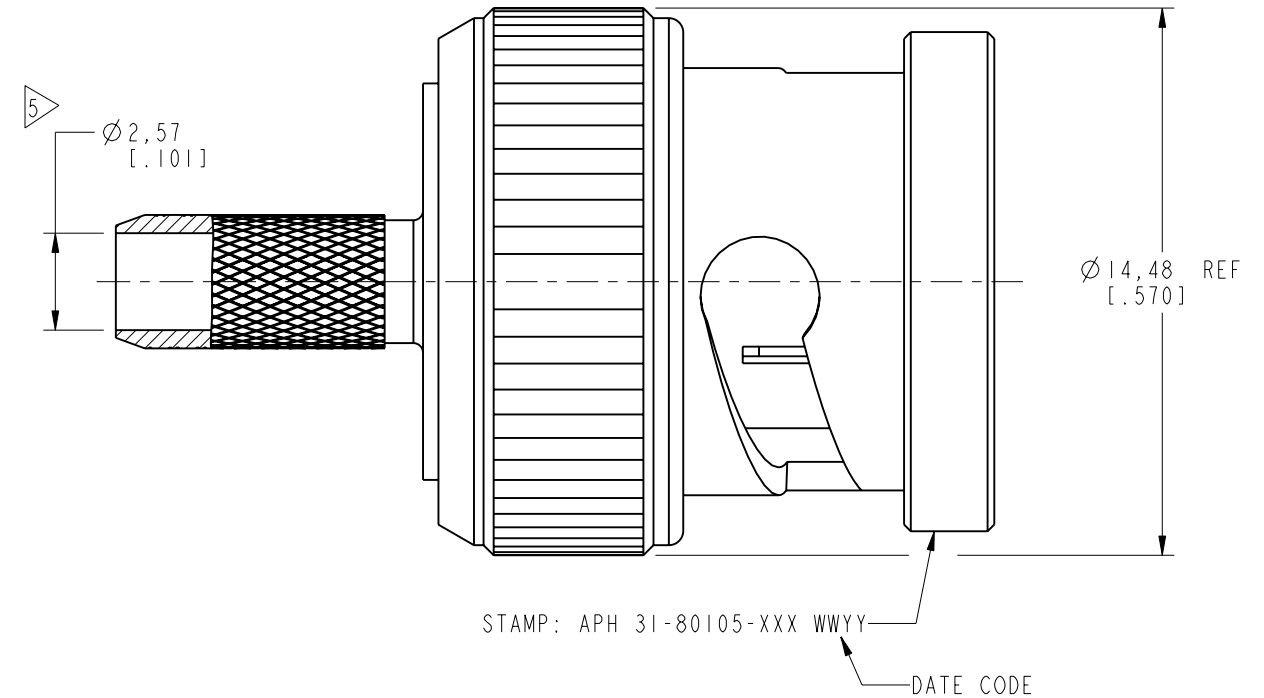
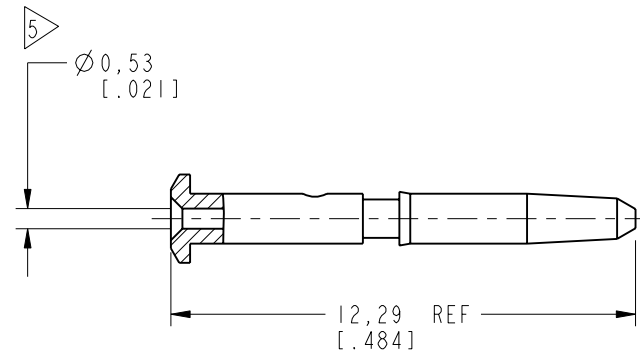
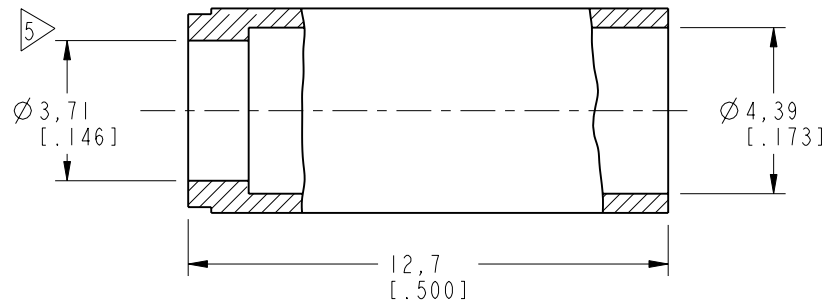
AFTER ASSEMBLY DIMENSIONS



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	DRAWN I.XU	DATE 26-Aug-11	TITLE 75 OHM BNC PLUG FOR AT&T 735A CABLE	Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com		
	ENGINEER G. ANTONINI	DATE 03-Mar-05		DRAWING NO. 31-80105		
	REFERENCE EAR# 1674 AND 611x-3996	APPROVED S.HSIEH	DATE 05-Sep-11	SCALE: 5.0:1.0	SHEET 2 OF 2	ITEM NO. 31-80105
	CONFIGURATION LEVEL: ***	FINISH	CAD FILE	DWG SIZE B	REV G	PART NO. 31-80105