

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

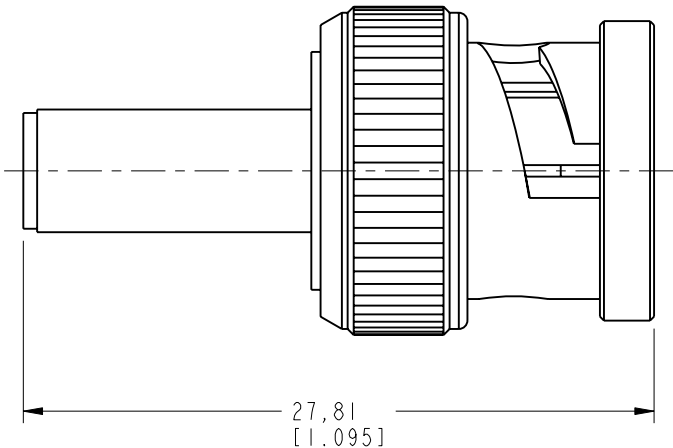
4. FERRULE TO BE CRIMPED WITH A .178 HEX DIE.
CONTACT TO BE CRIMPED WITH A .042 SQUARE DIE
OR A 8 PT CRIMPER AMPHENOL NUMBER 227-TI200

5 SHOWS CABLE ENTRY DIMENSIONS.

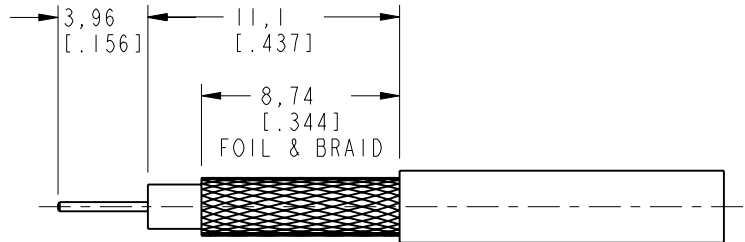
THIRD ANGLE PROJ.

REVISIONS

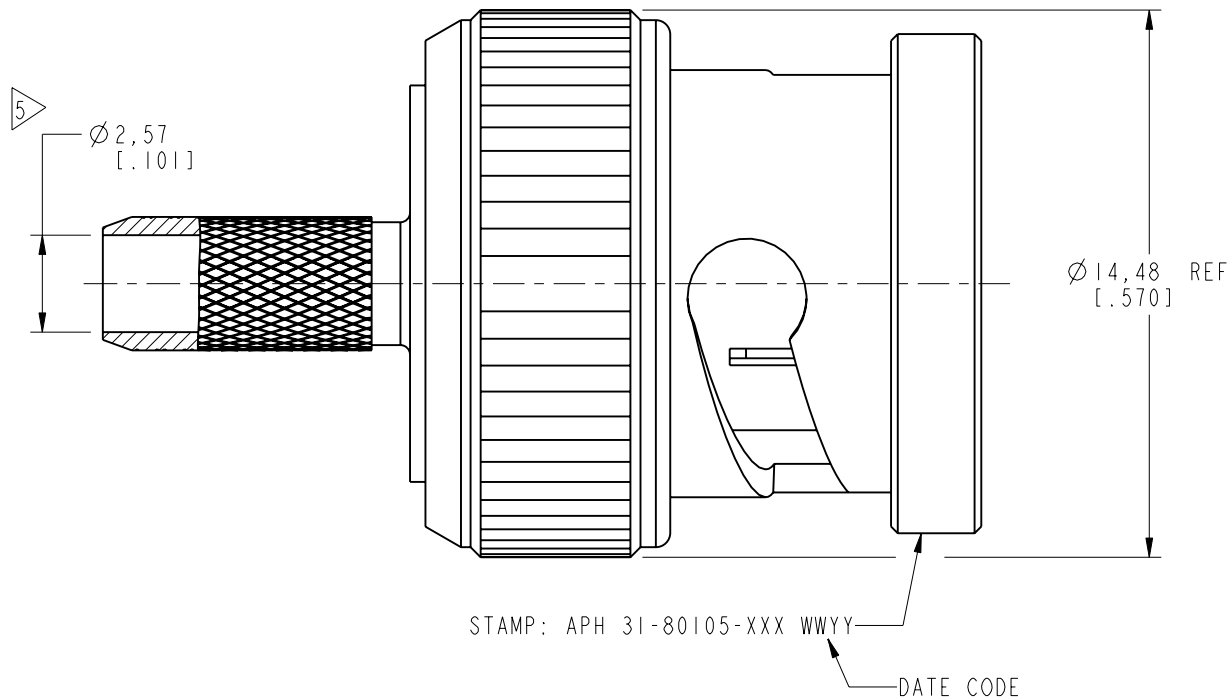
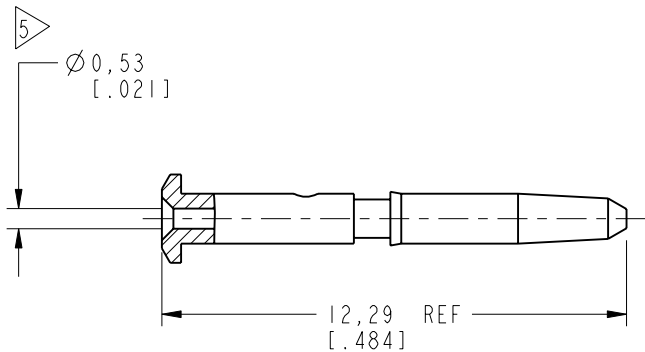
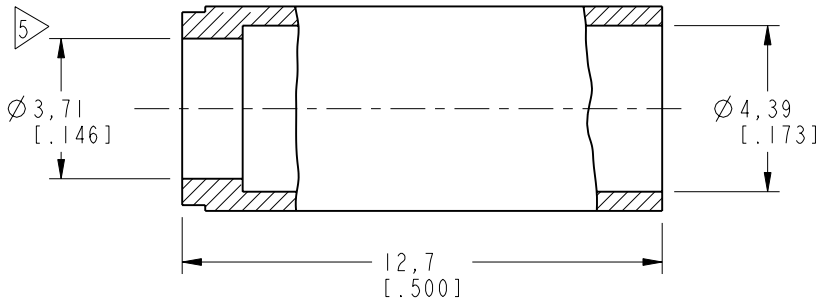
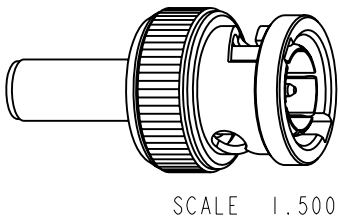
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	4/11/05	45903	GSA
B	DANBURY: FR-54-44-51-37X127 WAS 31-12690-5NA ARFA: NO. 1,2,4,5,6 WERE CHANGED/RD-DM06021001K	6/13/05	45579	GSA
C	DANBURY: REDESIGNED FOR STANDARD PARTS; ARFA: CABLE STRIPPING WAS CHANGED/RD-DM06091501S	2/9/06	45903	GSA
D	ARFA: CRIMP TOOL 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-TI200 WAS CTL-TI200	7/30/08	47155	JL
G	STAMPING WAS CHANGED/RD-DM110825011	07-Sep-11	48757	SCOTT



AFTER ASSEMBLY DIMENSIONS



RECOMMENDED
CABLE STRIPPING DIMENSIONS



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

Mouser Electronics

Authorized Distributor

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