

NOTES:

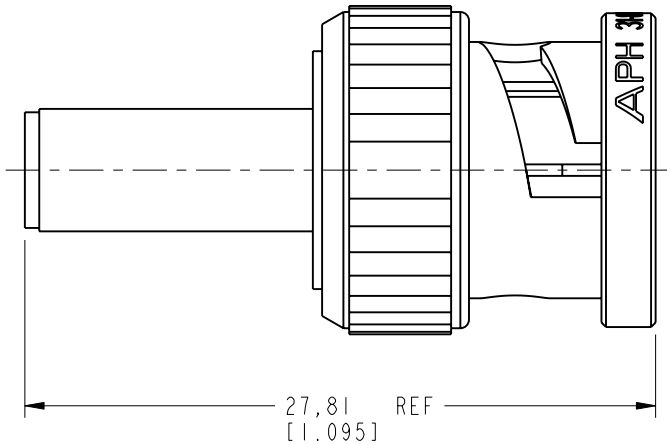
1. MATERIALS AND FINISHES:
- BODY - PHOSPHOR BRONZE, NICKEL PLATING
 - CONTACT - BRASS, GOLD PLATING
 - SPRING - BeCu, NICKEL PLATING
 - FERRULE & SHELL - BRASS, NICKEL PLATING
 - GASKET - SILICONE RUBBER, RED
 - INSULATOR - PTFE, NATURAL
2. ELECTRICAL:
- A. IMPEDANCE: 75 OHM
 - B. FREQUENCY RANGE: DC - 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.
- A. CONTACT TO BE CRIMPED WITH A .042" SQUARE DIE OR A 8 PT CRIMPER AMPHENOL NUMBER 227-TI200

5>SHOWS CABLE ENTRY DIMENSIONS.

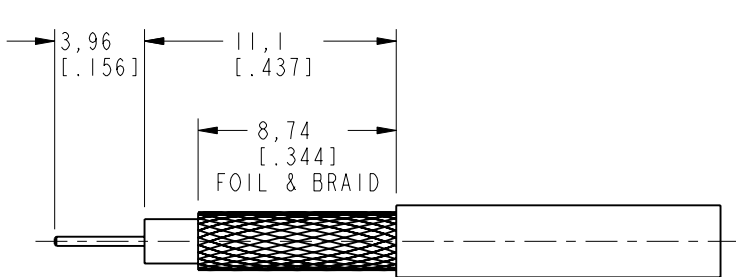
THIRD ANGLE PROJ.

REVISIONS

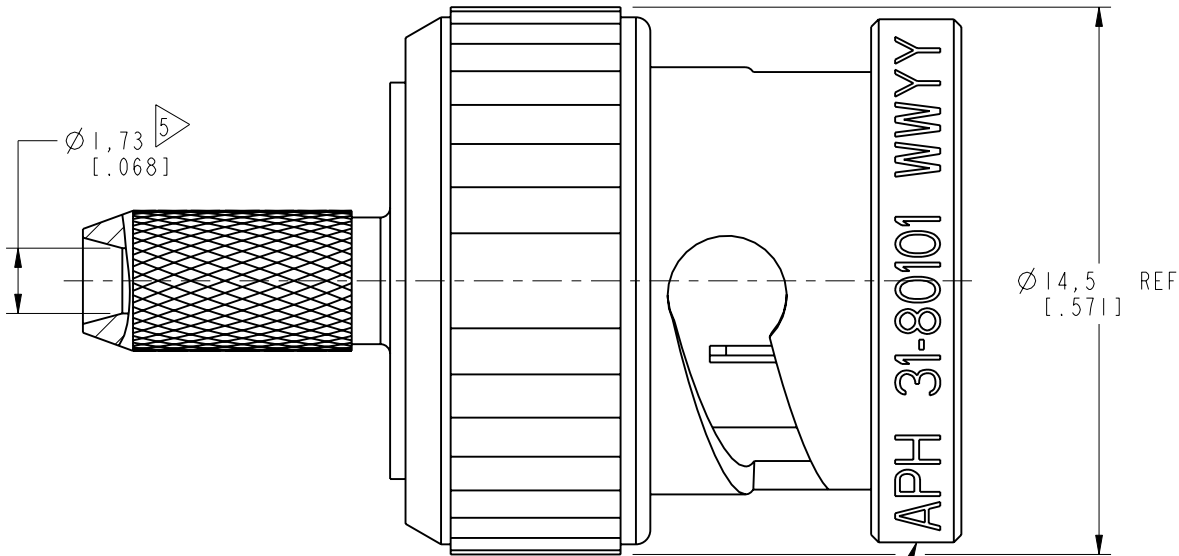
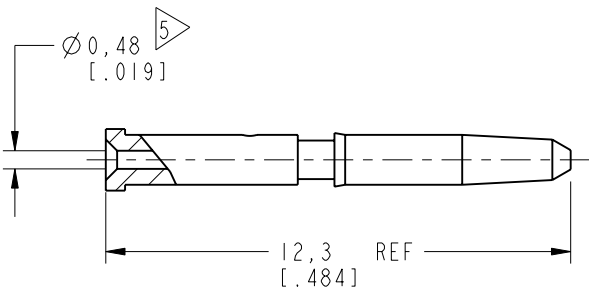
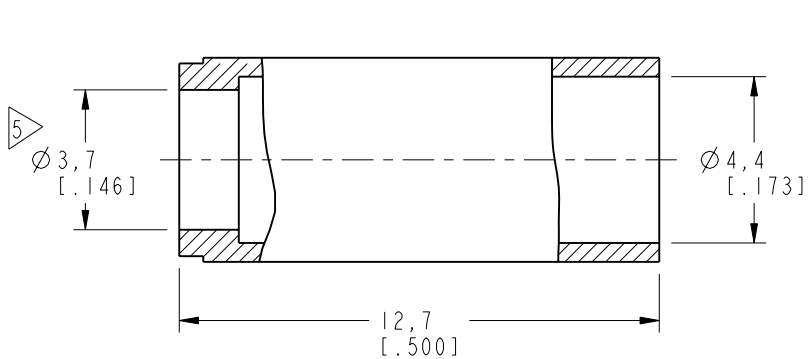
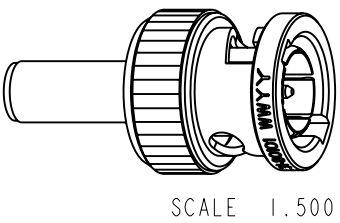
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	9/12/06	45950	SX
B	NOTE 4 SHT 2 'OR A 12 POINT CENTER CONTACT INDENTOR TOOL'	5/11/06	46083	CPM
C	NOTE 4 WAS CHANGED\ RD-DM09081101K	8/6/07	46681	TC
D	SEE SHEET 1\ RD-DM09090201K	11/26/09	47864	SH
E	NOTE 4:227-TI200 WAS CTL-TI200	15-Jul-11	48649	D.H
F	CHANGE NOTES ON ASSEMBLY DRAWING/RD-DM110825011	05-Sep-11	48757	SCOTT
G	UPDATED DESIGN FOR BETTER RF PERFORMANCE	14-Jun-18	08281	SH



AFTER ASSEMBLY DIMENSIONS



RECOMMENDED
CABLE STRIPPING DIMENSIONS



INK STAMP: APH 31-80101 WWYY

DATE CODE

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°	MATERIAL		DRAWN	DATE	TITLE		Amphenol RF www.amphenolrf.com	
	SEE NOTE		M. ZHANG	13-Jun-18				
	REFERENCE		ENGINEER	DATE	SCALE: 5.0:1.0		DRAWING NO. 31-80101	
	EAR # 1674 AND 611x-3996		G. ANTONINI	03-Mar-05				
	CONFIGURATION LEVEL: In Work		APPROVED	DATE	SHEET 2 OF 2		ITEM NO. 31-80101	
FINISH			S. HSIEH	13-Jun-18	DWG SIZE		PART NO. 31-80101	
			CAD FILE		B		REV G	