

1. MATERIALS AND FINISHES:

BODY	- BRASS, NICKEL PLATING
CONTACT	- BeCu, GOLD PLATING
BULLET CONTACT	- BRASS, GOLD PLATING
INSULATORS	- PTFE, NATURAL
COUPLING NUT	- BRASS, NICKEL PLATING
GASKET	- SILICON RUBBER, RED
FERRULE	- COPPER, NICKEL PLATING
HEAT SHRINK TUBING	- CROSSLINKED POLYOLEFIN

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC - 6 GHz
- C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

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

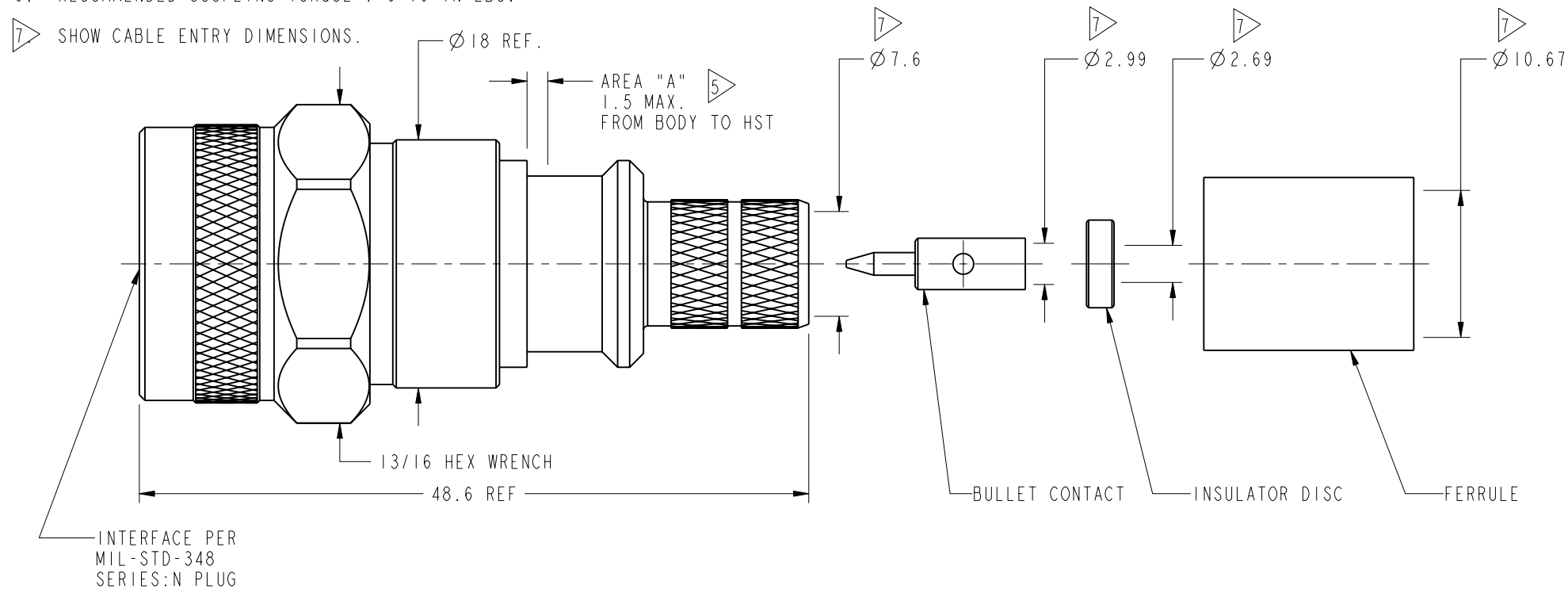
4. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 82-6553, AND DATE CODE"

5 ▷ RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.
- C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
- D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
- E. CRIMP FERRULE OVER BRAID WITH 0.532" HEX DIE.
- F. APPLY HEAT SHRINK TUBING OVER FERRULE.
- G. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP ON BODY AND END WITHIN AREA "A"

6. RECOMMENDED COUPLING TORQUE : 6-10 IN-LBS.

7. SHOW CABLE ENTRY DIMENSIONS.



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

< 0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	± 0.1mm	± 0.2mm	± 0.3mm	± 1°

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MATERIAL
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SEE NOTES

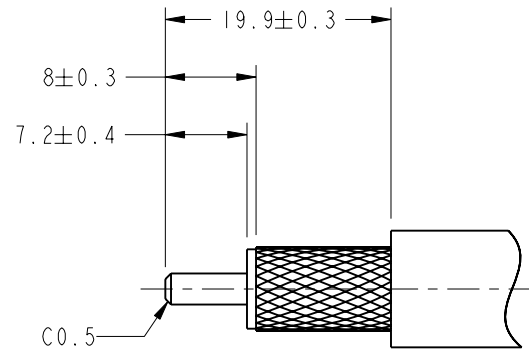
REFERENCE	EAR # PTCIP67	
	82-6451	AND EAR3408
CONFIGURATION LEVEL:		

FINISH

THIRD ANGLE PROJ. 

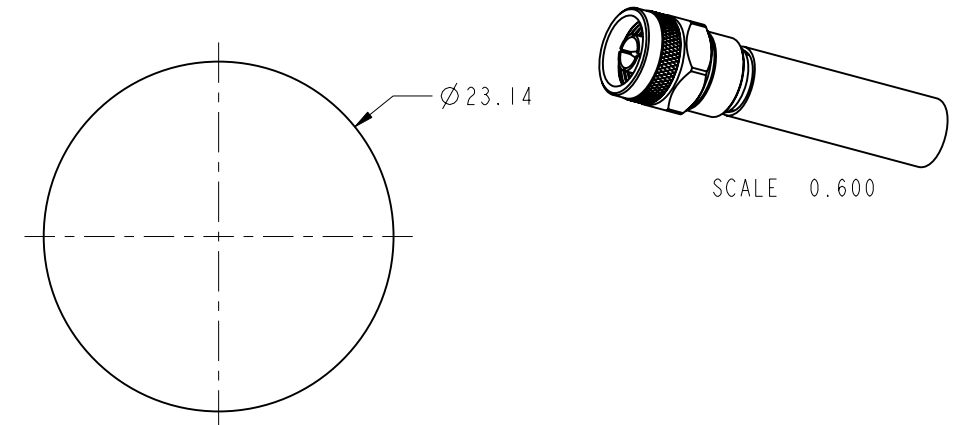
## REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	24-Sep-12	49140	DD

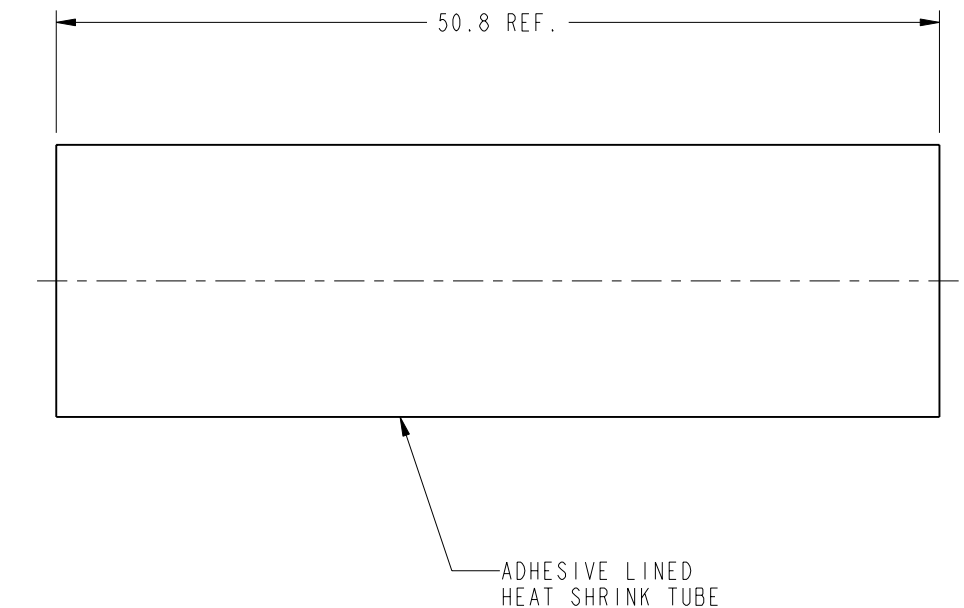


SCALE 1.500

## RECOMMENDED CABLE STRIPPING



MIN PASS THRU DIAMETER



## CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm      0.5 - 6mm      6 - 30mm      30 - 120mm      ANGLES ± 0.05mm    ±0.1mm      ±0.2mm      ± 0.3mm      ±1°					MATERIAL  SEE NOTES		DRAWN S.LI		DATE 24-Sep-12		TITLE N STR PLUG IP-67 FOR LMR-400 CABLE		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com			
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							REFERENCE EAR # PTCIP67 82-6451 AND EAR3408 CONFIGURATION LEVEL:		APPROVED S.HSIEH						DATE 25-Sep-12	
									CAD FILE		DWG SIZE B		REV A			
									FINISH							
														ITEM NO.82-6553		
														PART NO.82-6553		