

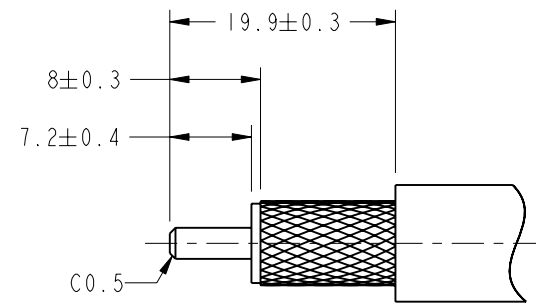
NOTES:

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.

THIRD ANGLE PROJ.

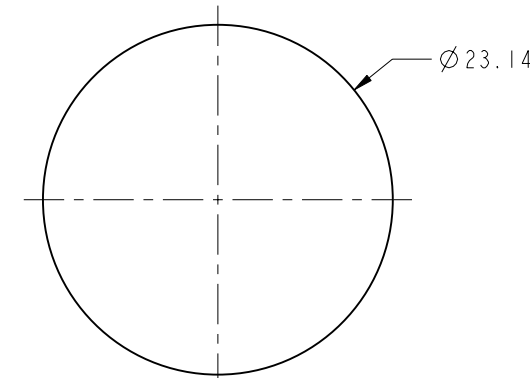
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	24-Sep-12	49140	DD
B	ADDED ARC LOGO TO COUPLING NUT & AMPHENOL RF TO HST RD-DM13022001R3	1-Mar-13	49418	RM

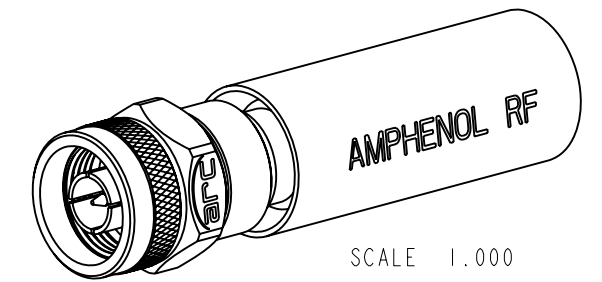


SCALE 1.500

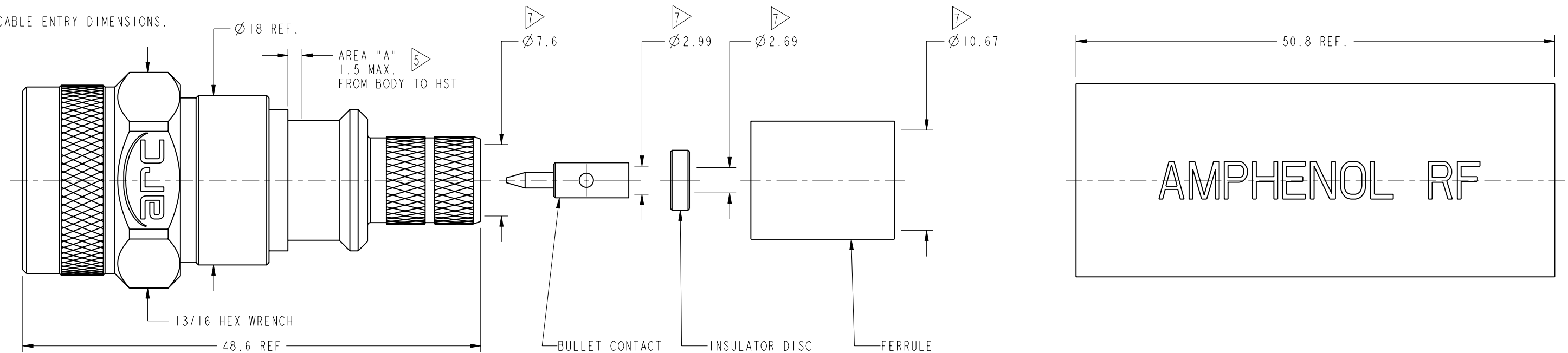
RECOMMENDED CABLE STRIPPING



MIN PASS THRU DIAMETER



7. SHOW CABLE ENTRY DIMENSIONS.



INTERFACE PER MIL-STD-348 SERIES:N PLUG

**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 N STR PLUG IP-67 FOR LMR-400 CABLE		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	SEE NOTES	R. MAO	27-Feb-13				
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	82-6451 AND EAR3408	D. DAVE	15-Sep-11				
	CONFIGURATION LEVEL:	APPROVED	DATE		DWG SIZE	REV	
FINISH	S. HSIEH	27-Feb-13		B	B		