

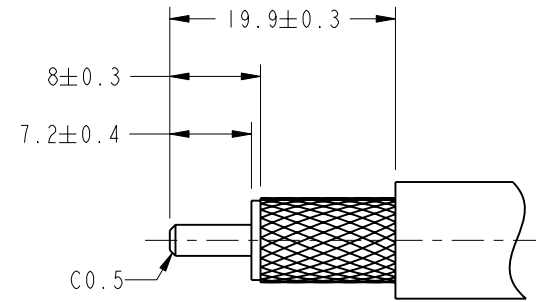
NOTES:

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 0.429" 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.

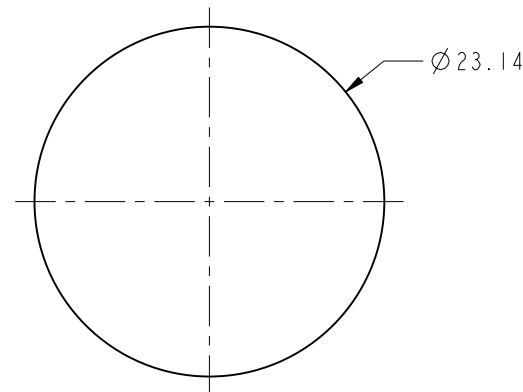
REVISIONS

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-DMI3022001R3	1-Mar-13	49418	RM
C	CRIMP WAS 0.532"	12-Feb-15	50404	JN

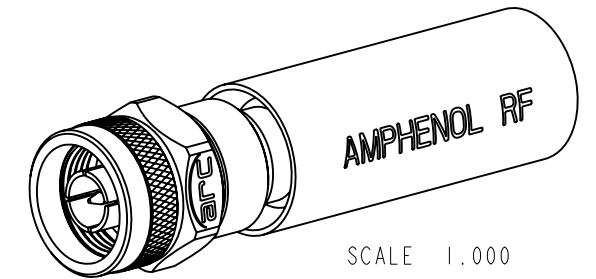


SCALE 1.500

RECOMMENDED CABLE STRIPPING

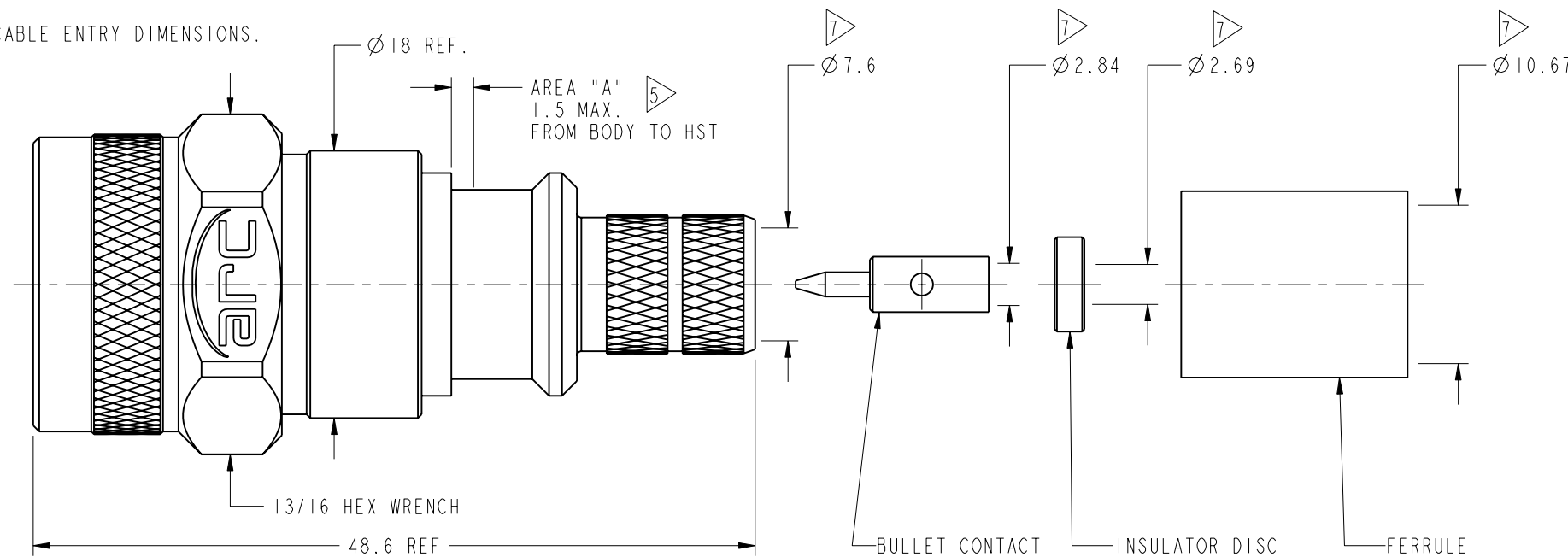


MIN PASS THRU DIAMETER



SCALE 1.000

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	S. DUAN	06-Mar-15			
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	82-6451 AND EAR3408	D. DAVE	15-Sep-11	SHEET 2 OF 2		
	CONFIGURATION LEVEL:	APPROVED	S. HSIEH	09-Mar-15	DWG SIZE	REV
FINISH				B	C	