NOTES:

1. MATERIALS AND FINISHES:
   - BODY - BRASS, WHITE BRONZE PLATING
   - CONTACT - BRASS, GOLD PLATING
   - INSULATORS - PTFE, NATURAL
   - COUPLING NUT - BRASS, WHITE BRONZE PLATING
   - GASKET - SILICON RUBBER, RED
   - FERRULE - COPPER, WHITE BRONZE 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, 82-6642, AND DATE CODE"

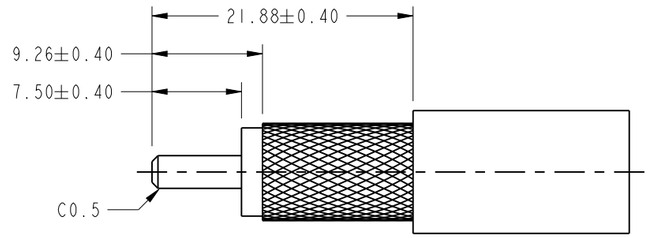
5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
   - A. TRIM CABLE AS SHOWN.
   - B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.
   - C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
   - D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
   - E. CRIMP FERRULE OVER BRAID WITH 0.429" HEX DIE.
   - F. APPLY HEAT SHRINK TUBING OVER FERRULE.

6. SHOW CABLE ENTRY DIMENSIONS.

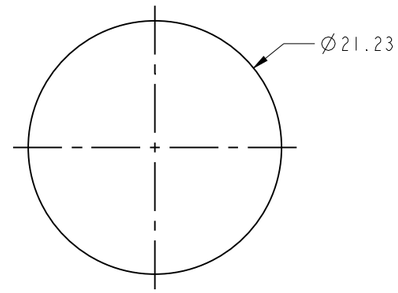
THIRD ANGLE PROJ.

REVISIONS

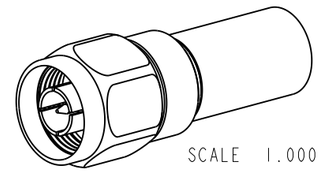
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	07-Jun-17	4004	BMG

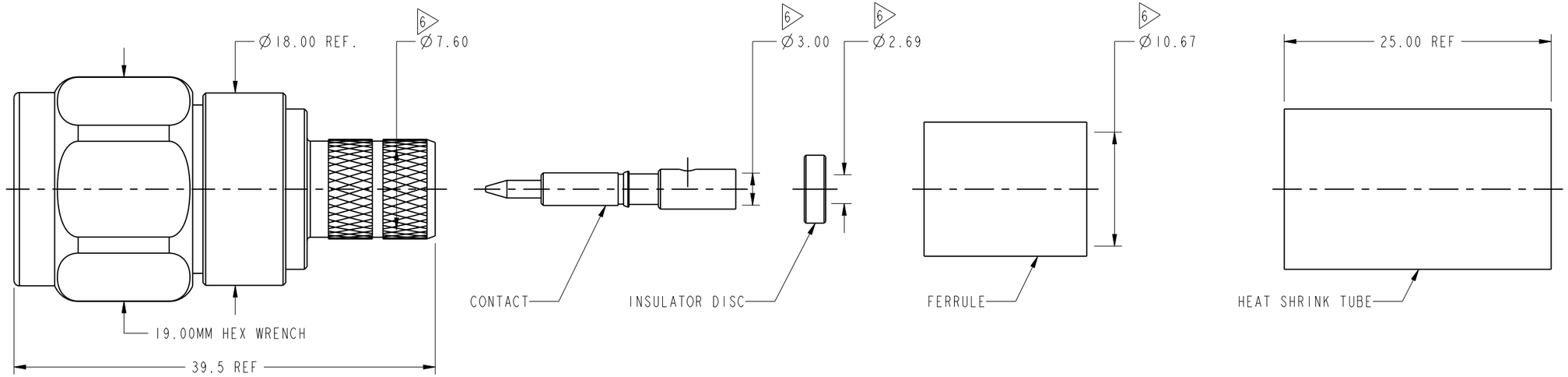


RECOMMENDED CABLE STRIPPING DIMENSIONS



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°

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MATERIAL: SEE NOTES

REFERENCE: EAR # 7407

CONFIGURATION LEVEL: In Work

FINISH

DRAWN	B. GREENBAUM	DATE 30-Jan-17
ENGINEER	B. GREENBAUM	DATE 30-Jan-17
APPROVED	K. CAPOZZI	DATE 07-Jun-17
CAD FILE		

TITLE: N STR PLUG FOR LMR-400 CABLE

SCALE: 2.3:1.0 | SHEET 2 OF 2

DWG SIZE: B | REV: A

Amphenol RF

www.amphenolrf.com

DRAWING NO.	82-6642
ITEM NO.	82-6642
PART NO.	82-6642

Unikeyic Electronics

Global Electronic Components Distributor

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68000-236HLF 69192-408HLF 70234-112LF DEM09P032N LD15P33E4GV00LF LD25S33E4GV00LF RJE061661210 863013A D15P13A6RV12LF RJSBE5080C2 DAPO15S365TLF 68002116HLF 86130202123355E1LF CD15S13E4RV09LF 86093488314745V1LF 67996-204HLF 76384-316LF 86093967896755LF 54202-G0805CLF 70430-164LF 95157-140LF 54202-S08-07LF 70218-1116LF 86093968191755E3LF 86093968813H45V1LF 91614-403ALF 65781-158 68001-108HLF 68001-200HLF DCMF37P