

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

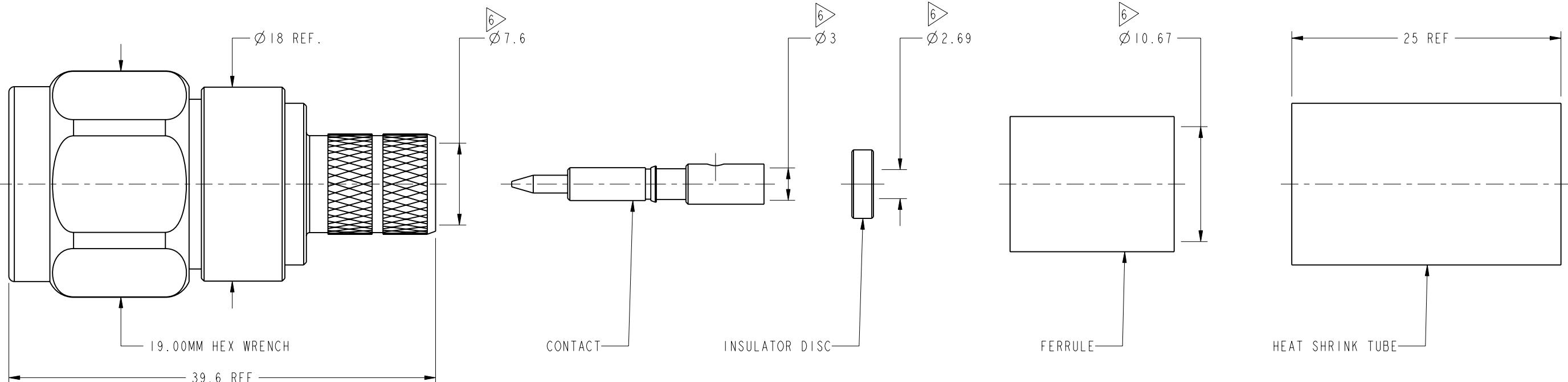
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

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"

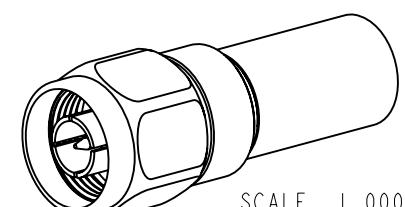
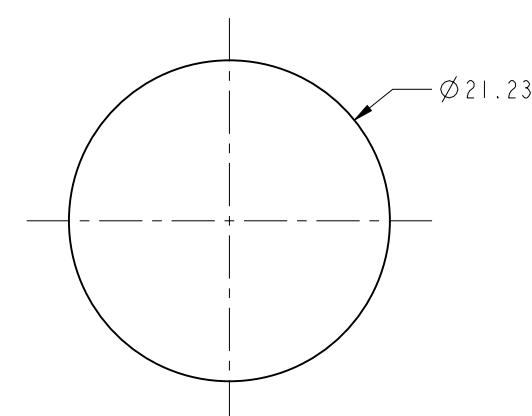
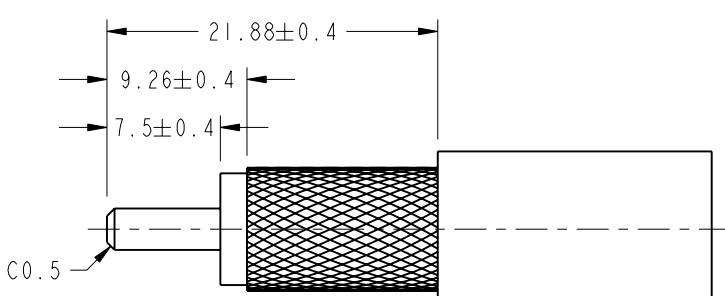
5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN.
B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.
C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNUURL.
E. CRIMP FERRULE OVER BRAID WITH 0.429" HEX DIE.
F.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

6. SHOW CABLE ENTRY DIMENSIONS.



THIRD ANGLE PROJ.

REV		DESCRIPTION	DATE	ECO	APPR
A		RELEASE TO MFG.	19-Jun-17	4004	RM



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	DRAWN B. GREENBAUM	DATE 30-Jan-17	TITLE N STR PLUG FOR LMR-400 CABLE		Amphenol RF www.amphenolrf.com
REFERENCE EAR # 7407	ENGINEER B. GREENBAUM	DATE 30-Jan-17			DRAWING NO. 82-6642
CONFIGURATION LEVEL: In Work	APPROVED S. HSIEH	DATE 19-Jun-17	SCALE: 2.5:1.0	SHEET 2 OF 2	ITEM NO. 82-6642
FINISH	CAD FILE		DWG SIZE B	REV A	PART NO. 82-6642