

NOTES:

1. MATERIALS AND FINISHES:  
 BODY, INNER BODY, HEX NUT &  
 LOCK WASHER - BRASS, WHITE BRONZE PLATING  
 CONTACT - BeCu, GOLD PLATING  
 INSULATOR & INSULATOR DISC - PTFE, NATURAL  
 O-RING - SILICONE RUBBER, RED  
 FERRULE - COPPER, WHITE BRONZE PLATING  
 HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN, BLACK
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: -55°C TO +85°C

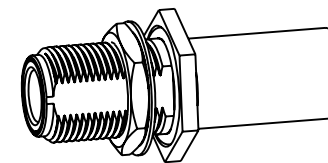
4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 82-6643, AND DATE CODE"
5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.  
 C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.  
 D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.  
 E. CRIMP FERRULE OVER BRAID WITH .429" HEX DIE  
 F. APPLY HEAT SHRINK TUBING OVER FERRULE.

6. RECOMMENDED TORQUE APPLIED ON HEX NUT : 30 IN-LBS
- 7 SHOWS CABLE ENTRY DIMENSIONS.

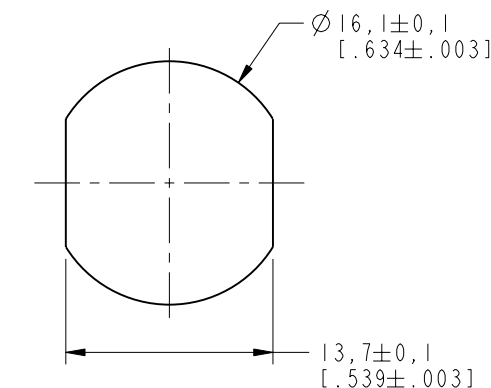
THIRD ANGLE PROJ.

REVISIONS

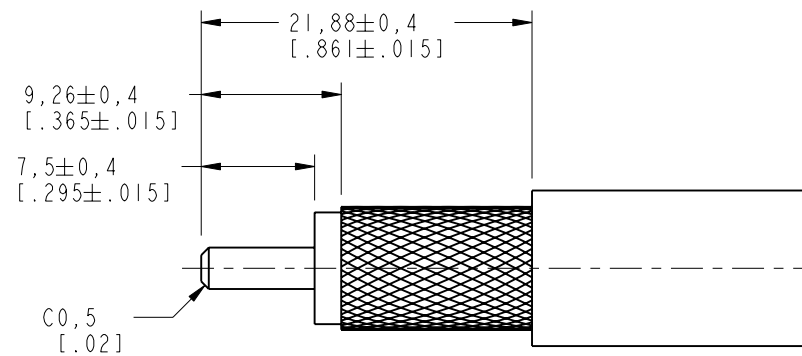
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	12-Jun-17	04004	BMG



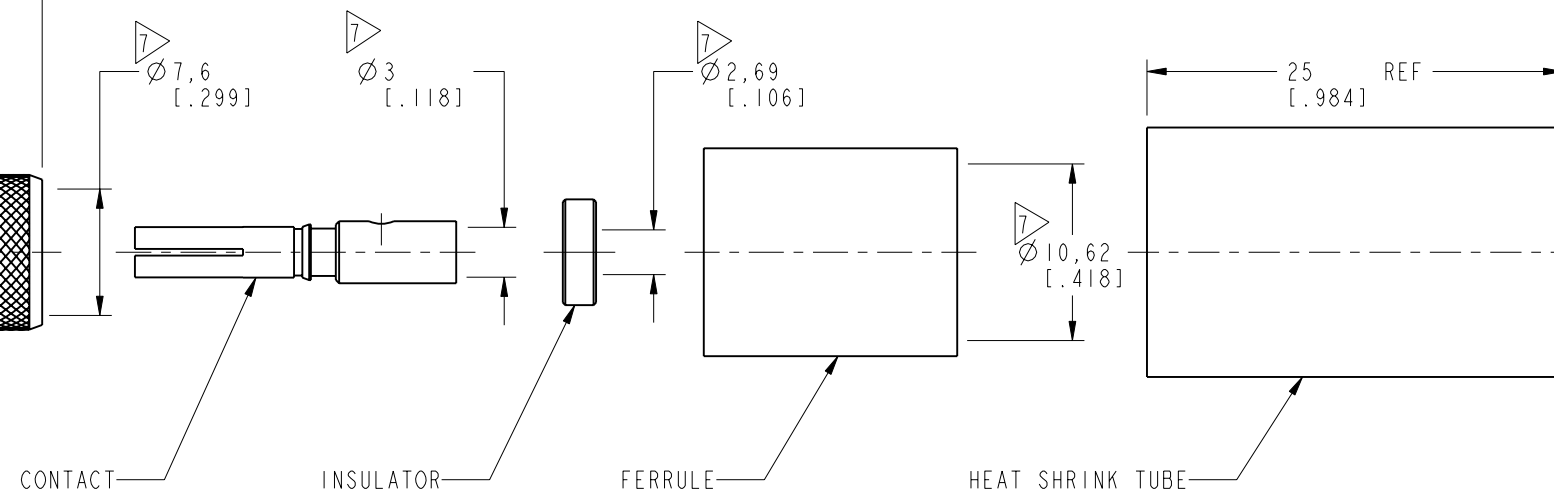
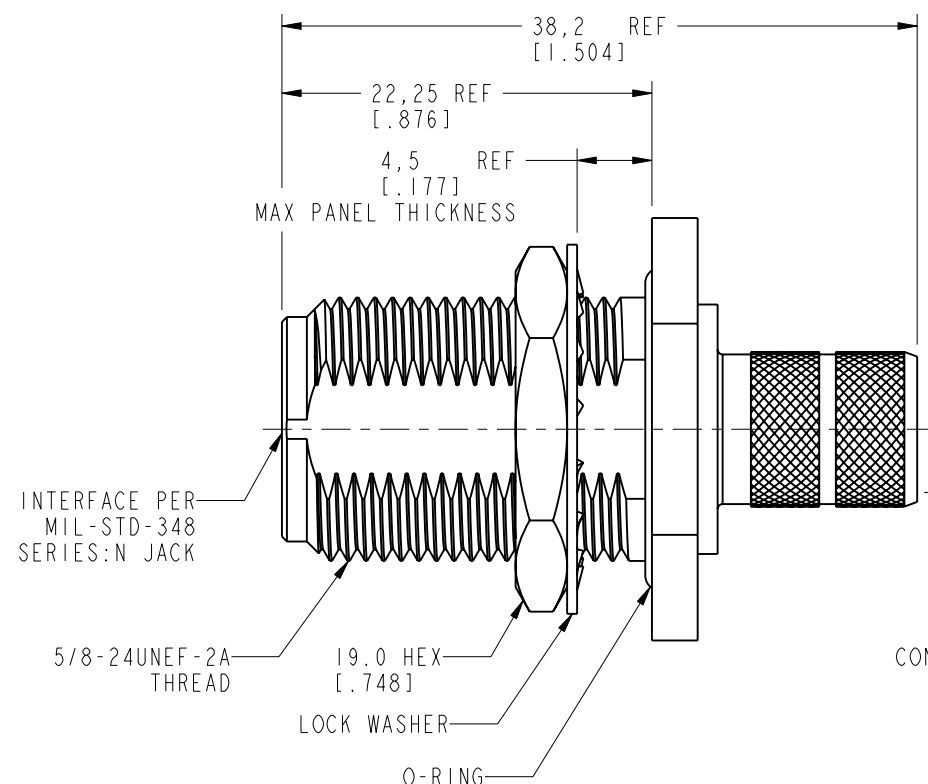
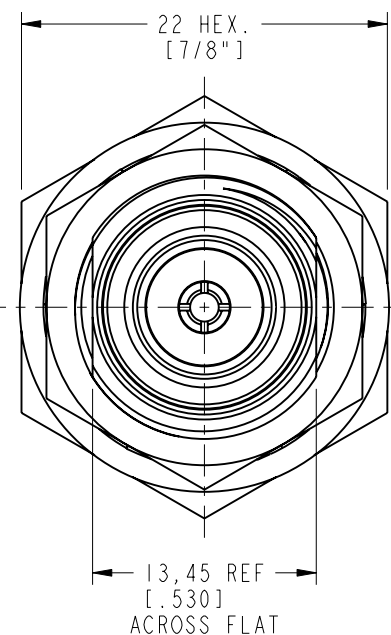
SCALE 0.800



RECOMMENDED MOUNTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS



**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°

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MATERIAL	SEE NOTES	DRAWN	M. ZHANG	DATE	12-Jun-17
EAR#	7407	ENGINEER	B. GREENBAUM	DATE	02-Feb-17
REF:		APPROVED	S. HSIEH	DATE	16-Jun-17
CONFIGURATION LEVEL:	In Work	CAD FILE			
FINISH					

TITLE		N STR BHD JACK FOR LMR 400 CABLE	
SCALE:	2.2:1.0	SHEET	2 OF 2
DWG SIZE	B	REV	A

Amphenol RF	
www.amphenolrf.com	
DRAWING NO.	82-6643
ITEM NO.	82-6643
PART NO.	82-6643