

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 0.429" HEX DIE
F. APPLY HEAT SHRINK TUBING OVER FERRULE.

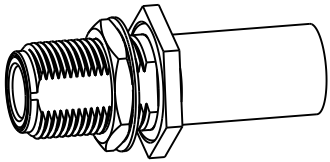
6. RECOMMENDED TORQUE APPLIED ON HEX NUT : 30 IN-LBS

 SHOWS CABLE ENTRY DIMENSIONS.

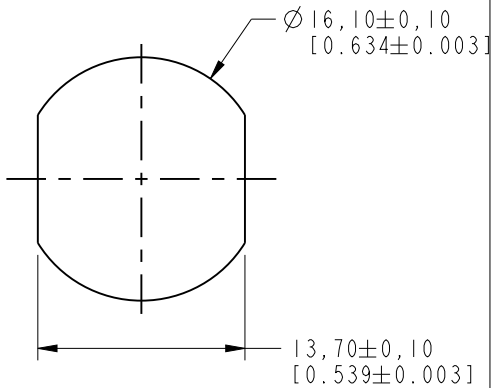
THIRD ANGLE PROJ. 

REVISIONS

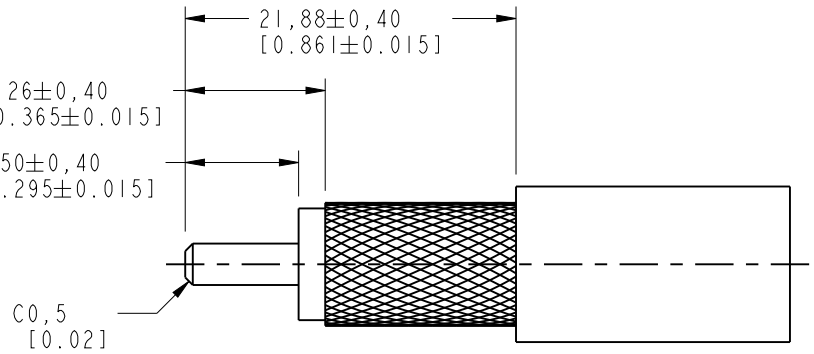
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	07-Jun-17	4004	BMG



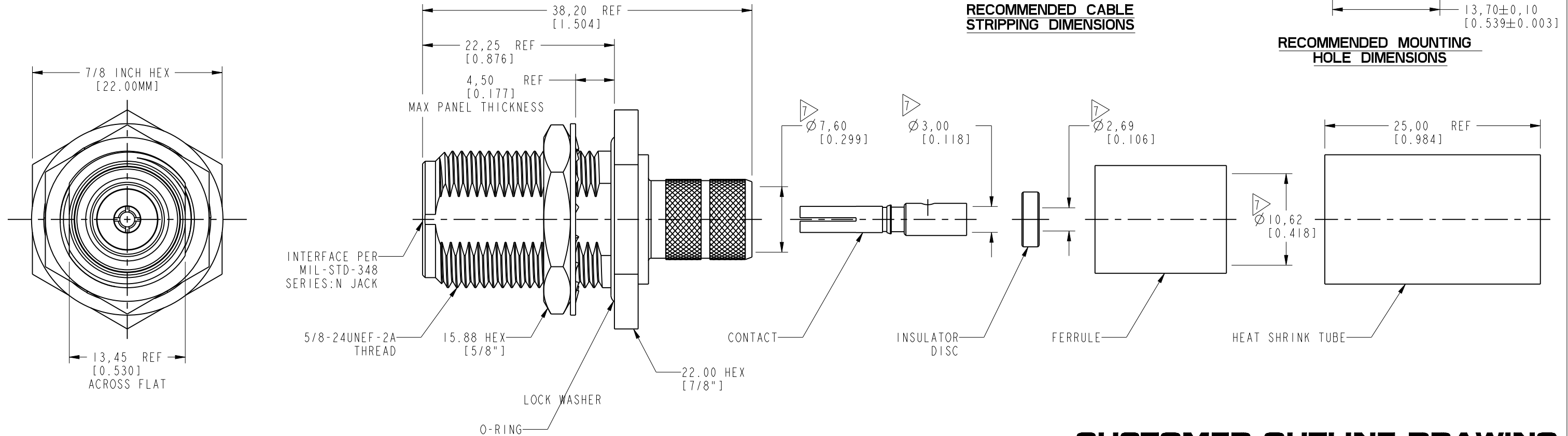
SCALE 0.800



**RECOMMENDED MOUNTING
HOLE DIMENSIONS**



**RECOMMENDED CABLE
STRIPPING DIMENSIONS**



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

<p>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°</p> <p>NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.</p>	MATERIAL SEE NOTES		DRAWN B. GREENBAUM	DATE 02-Feb-17	TITLE N STR BHD JACK FOR LMR 400 CABLE		Amphenol RF www.amphenolrf.com	
	EAR# 7407		ENGINEER B. GREENBAUM	DATE 02-Feb-17			DRAWING NO. 82-6643	
	REF:		APPROVED K. CAPOZZI	DATE 07-Jun-17	SCALE: 2.2:1.0 SHEET 2 OF 2		ITEM NO. 82-6643	
	CONFIGURATION LEVEL: In Work		CAD FILE		DWG SIZE B		REV A	
	FINISH						PART NO. 82-6643	