

NOTES:

1. MATERIALS AND FINISHES:
 BODY - BRASS, WHITE BRONZE PLATING
 CONTACT - BeCu, GOLD PLATING
 CLAMP NUT - BRASS, NICKEL PLATING
 INSULATOR - PTFE, NATURAL
 O-RINGS - SILICONE RUBBER, RED
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC-6 GHz
 C. VSWR: 1.35 MAX
3. MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -55°C TO +155°C
 C. CABLE RETENTION: 400N [90LBF]
4. ENVIRONMENT:
 A. THERMAL SHOCK: US MIL-STD 202, METH.107, COND.B
 B. VIBRATION: US MIL-STD 202, METH.204, COND.B
 C. WATERPROOF STANDARD: IP-67 WHEN MATED
 D. ROHS COMPLIANT

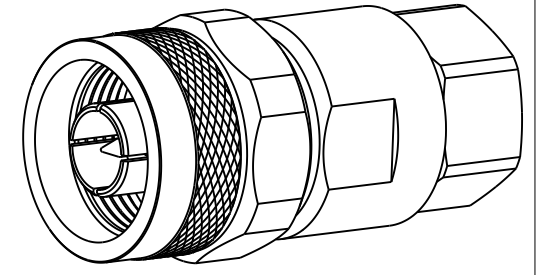
5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN.
 B. SLIDE CLAMP NUT OVER THE BRAID BY TURNING IT TILL THE CLAMP NUT BOTTOMS ON THE JACKET.
 C. COMB OUT THE BRAID AND FOLD THEM AGAINST THE INNER WALL OF THE CLAMP NUT.
 D. ASSEMBLE THE CABLE WITH CLAMP NUT INTO CONNECTOR BODY.
 E. TIGHTEN THE CLAMP NUT TO A TORQUE OF 10 N.m

6. SHOWS CABLE ENTRY DIMENSIONS.

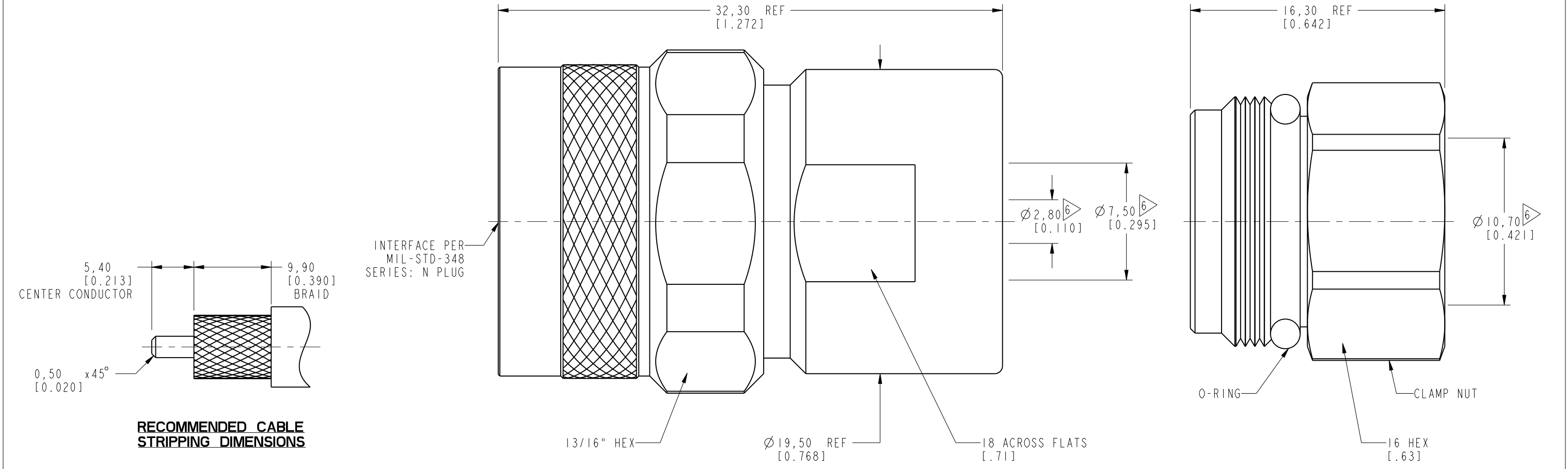
7. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 82-6650 AND DATE CODE"

THIRD ANGLE PROJ.

		REVISIONS		
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	05-Jan-18	6506	BMG



SCALE 1.500



RECOMMENDED CABLE STRIPPING DIMENSIONS

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 LOKESH P	DATE 19-Jul-17	TITLE TYPE N CLAMP STR PLUG FOR LMR 400 CABLE, IP-67 IN MATED CONDITION		Amphenol RF www.amphenolrf.com	
REFERENCE EAR# 7856	ENGINEER LOKESH P	DATE 19-Jul-17				
REF:	APPROVED K. CAPOZZI	DATE 11-Jan-18	SCALE: 4.0:1.0 SHEET 2 OF 2		DRAWING NO. 82-6650	
CONFIGURATION LEVEL: In Work	CAD FILE		DWG SIZE B	REV A	ITEM NO. 82-6650	
FINISH					PART NO. 82-6650	

CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY