

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

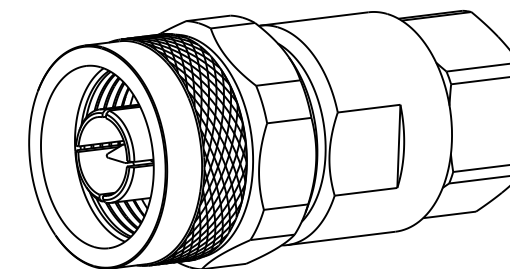
6. SHOWS CABLE ENTRY DIMENSIONS.

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

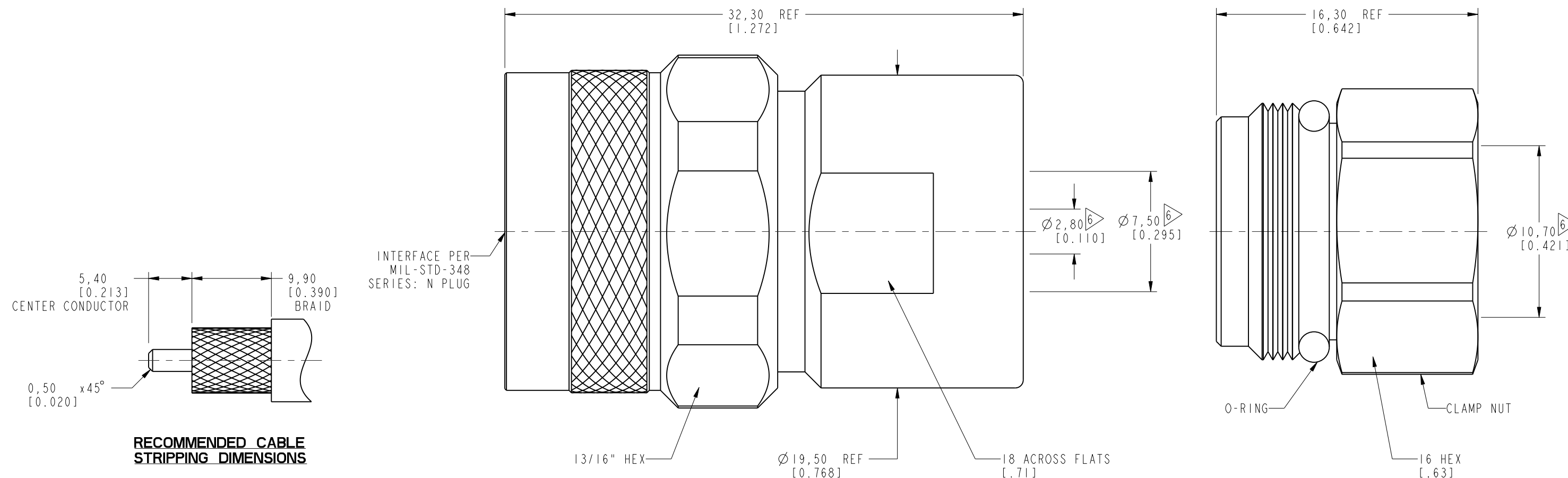
THIRD ANGLE PROJ.

REVISIONS

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



SCALE 1.500



RECOMMENDED CABLE STRIPPING DIMENSIONS

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°	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 DRAWING NO. 82-6650 ITEM NO. 82-6650 PART NO. 82-6650
	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	
	CONFIGURATION LEVEL: In Work	CAD FILE		DWG SIZE B    REV A	