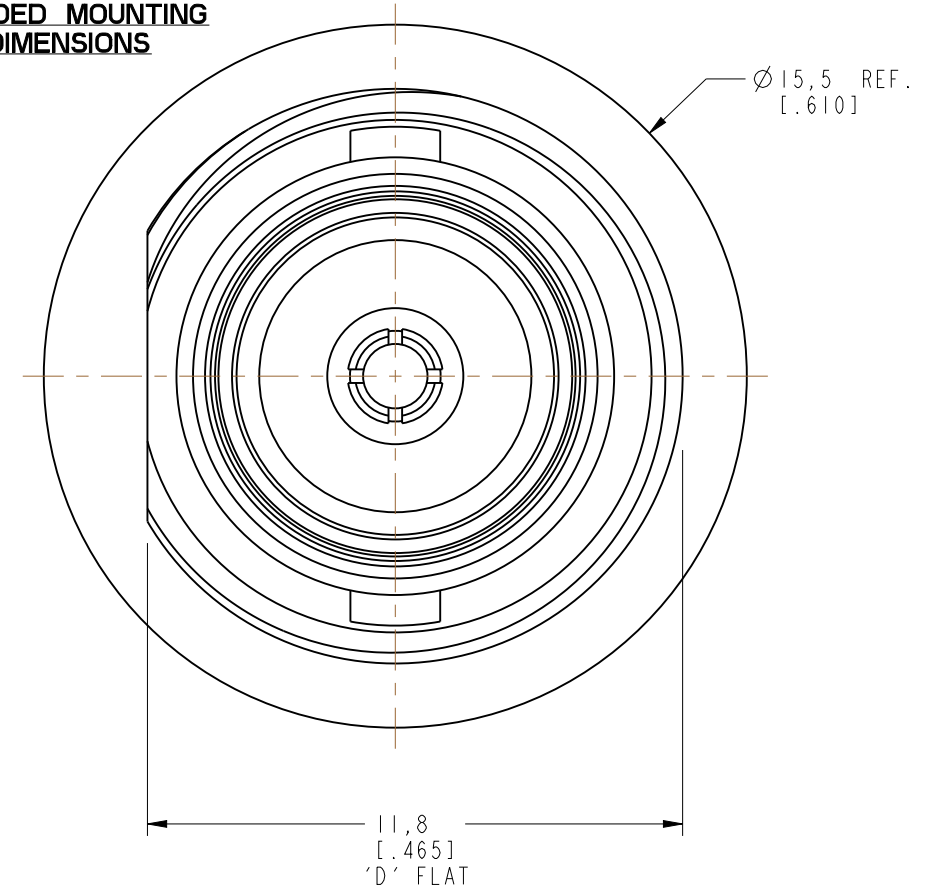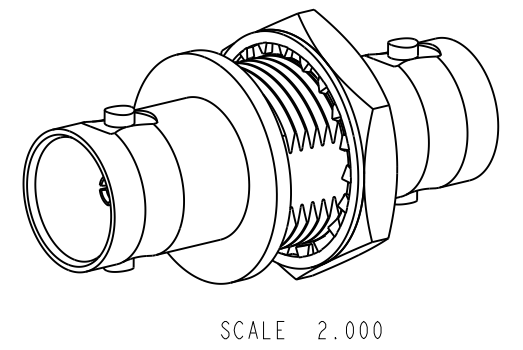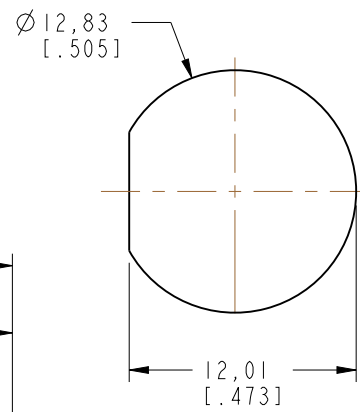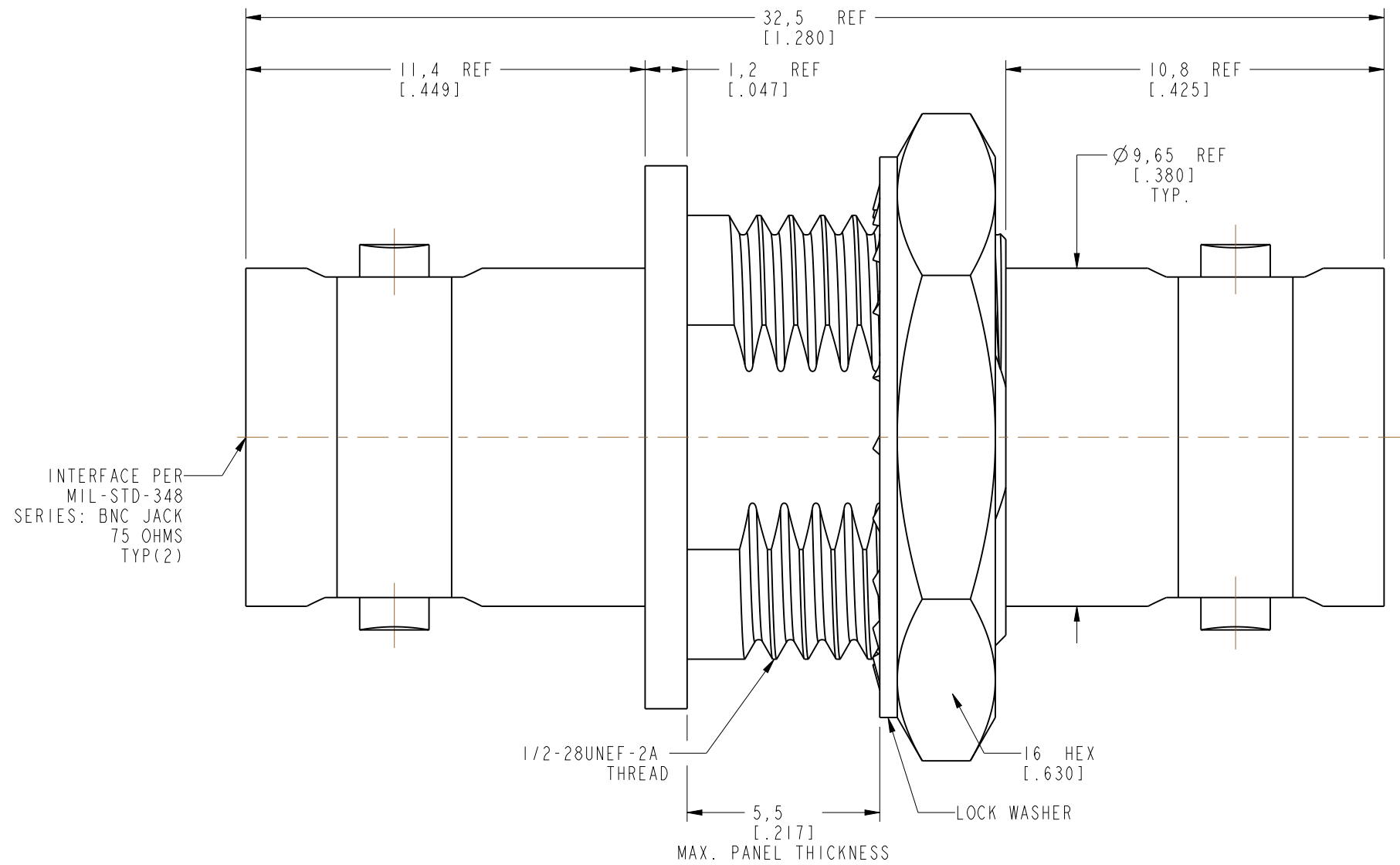NOTES:

1. MATERIALS AND FINISHES:
   BODY, LOCK RING, LOCK WASHER &
   HEX-NUT - BRASS, NICKEL PLATING
   INSULATOR - PTFE, NATURAL
   CONTACTS - BeCu, GOLD PLATING

2. ELECTRICAL:
   A. IMPEDANCE: 75 OHM
   B. FREQUENCY RANGE: DC-12 GHz
   C. RETURN LOSS: -20 dB MAX. @ DC-6 GHz
                   -15 dB MAX. @ 6-12 GHz
   D. DWV: 1500 VRMS

3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C
   C. RECOMMENDED TORQUE: 30 IN-LBS

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 31-220N-75-12G AND DATE CODE"

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	04-May-18	8023	BMG

Ø12,83 [.505]

SCALE 2.000

32,5 REF [1.280]

11,4 REF [.449]

1,2 REF [.047]

10,8 REF [.425]

Ø9,65 REF [.380] TYP.

12,01 [.473]

RECOMMENDED MOUNTING
HOLE DIMENSIONS

Ø15,5 REF. [.610]

INTERFACE PER
MIL-STD-348
SERIES: BNC JACK
75 OHMS
TYP(2)

1/2-28UNEF-2A
THREAD

16 HEX
[.630]

LOCK WASHER

5,5 [.217]
MAX. PANEL THICKNESS

11,8 [.465]
'D' FLAT

HEX-NUT & LOCKWASHER
NOT SHOWN

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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°

MATERIAL SEE NOTES	DRAWN	DATE	TITLE
	LOKESH P	12-Sep-17	75 OHM BNC STR BHD JACK TO JACK ADAPTER
	ENGINEER	DATE	
REFERENCE	ANANDH G	12-Sep-17	
EAR# 7824	APPROVED	DATE	
REF:	K. CAPOZZI	04-May-18	
CONFIGURATION LEVEL: In Work	CAD FILE		
FINISH			

Amphenol RF
www.amphenolrf.com

SCALE: 6.0:1.0 SHEET 2 OF 2

DWG SIZE: B   REV: A

DRAWING NO. 31-220N-75-12G
ITEM NO. 31-220N-75-12G
PART NO. 31-220N-75-12G