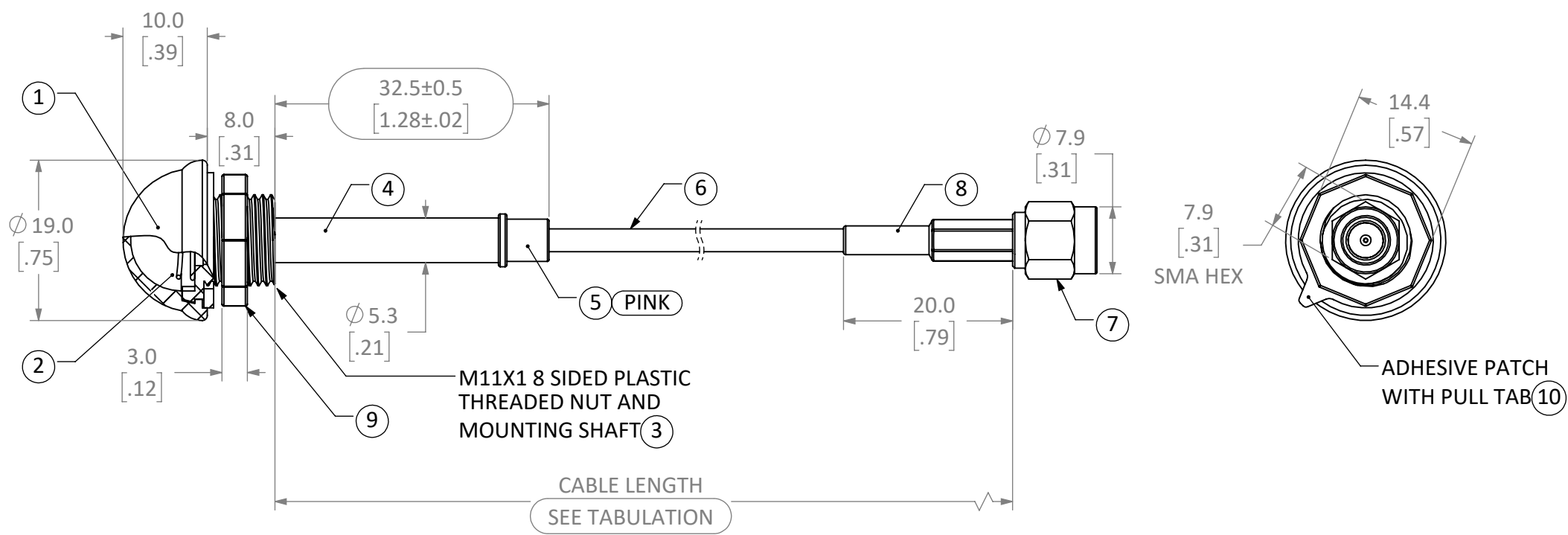


REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 10/8/20	DV 3/1/21
B	ADJUSTED COUNTERPOISE SIZE PER DESIGN CHANGE. CHANGED DIMENSIONAL POINT ON U.FL CONNECTION. UNITS WAS INCHES PRIMARY. ADJUSTED TOLERANCES TO SUIT MFG CAPABILITY. ADDED MHF4 CAPABILITY.	JHAGER 5/7/21	
C	UPDATED DESIGN TO REDUCE TABULATION VARIABLES. DRWG WAS ANT-2.4-WRT-CCC	JHAGER 3/4/22	



- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS ARE IN MILLIMETERS [IN].
 - DIMENSIONS APPLY AFTER FINISHING.
 - MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
 - ELECTRICAL SPECIFICATIONS SHOWN FOR REFERENCE ONLY. REFER TO LINX DATA SHEET FOR ELECTRICAL PROPERTIES:
 - CENTER FREQUENCY 2.45 GHz
 - 50Ω IMPEDANCE
 - VSWR <1.9 TYP @ CENTER
 - ANTENNA QUALIFIED IAW LINX INTERNAL TEST PLAN DOCUMENT.
 - MECHANICAL:
 - USE TEMPERATURE: -40°C - +90°C
 - INSTALLATION TEMPERATURE: +10° - +40°C
 - STORAGE TEMPERATURE: +20° @ 50%RH
 - BULKHEAD PLASTIC NUT TORQUE: NTE 4.0kgf/cm [5in/lbS]
 - Ø.425" [10.8mm] RECOMMENDED INSTALL HOLE SIZE
 - MINIMUM BEND RADIUS: 10.2mm
 - MAX PANEL THICKNESS: 4.7mm [.188"]
 - INTERFACE COUPLES WITH STANDARD SMA TYPE REVERSE POLARITY CONNECTORS.
 - PACKAGE ANTENNAS INDIVIDUALLY PRIOR TO PLACING IN LOT BAG. LABEL LOT BAG, AND BOX WITH THE FOLLOWING INFORMATION ONLY:
 - LOT NUMBER
 - LINX PART NUMBER
 - QUANTITY
 - COUNTRY OF ORIGIN

ITEM NUMBER	DESCRIPTION
10	GASKET FOAM ADH ACRYLIC/ACRYLIC
9	NUT OCT M11X1 POM BLACK
8	SHRINK TUBE 2:1 POLYOL BLACK
7	CONNECTOR RP-SMA TYPE GOLD/BRASS
6	CABLE COAX RG174U BLACK
5	GUIDE CABLE 2.4GHz ABS PINK
4	COUNTERPOISE 2.4GHz ELEM NICKEL/BRASS
3	BASE THREADED M11X1 ABS BLACK
2	ELEMENT 2.4GHz COIL SWC
1	COVER ELEMENT ABS BLACK

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MATERIAL: INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.
 .X ±2.0 ANGLES: ±1°
 .XX ±1.00 SURFACE: √
 .XXX ±.500

PROJECTION:

FINISH: DRAWN: JHAGER DT: 10/8/20
 ENGR: DASARATHAN DT: 3/1/21

TITLE: **ANTENNA PURCHASED ASSEMBLY WRT VAR END CONN AND PACK**

SIZE DWG. NO. REV
B C-ANT-2.4-WRT-RPS-LLL **C**

SCALE: 1.5:1 DO NOT SCALE DRAWING SHEET 1 OF 1

STE 159 ORT LANE MERLIN, OR 97532
 connectivity

CABLE LENGTH TABULATION	
LINX PART NUMBER	CABLE LENGTH
ANT-2.4-WRT-RPS	216±2mm [8.50]