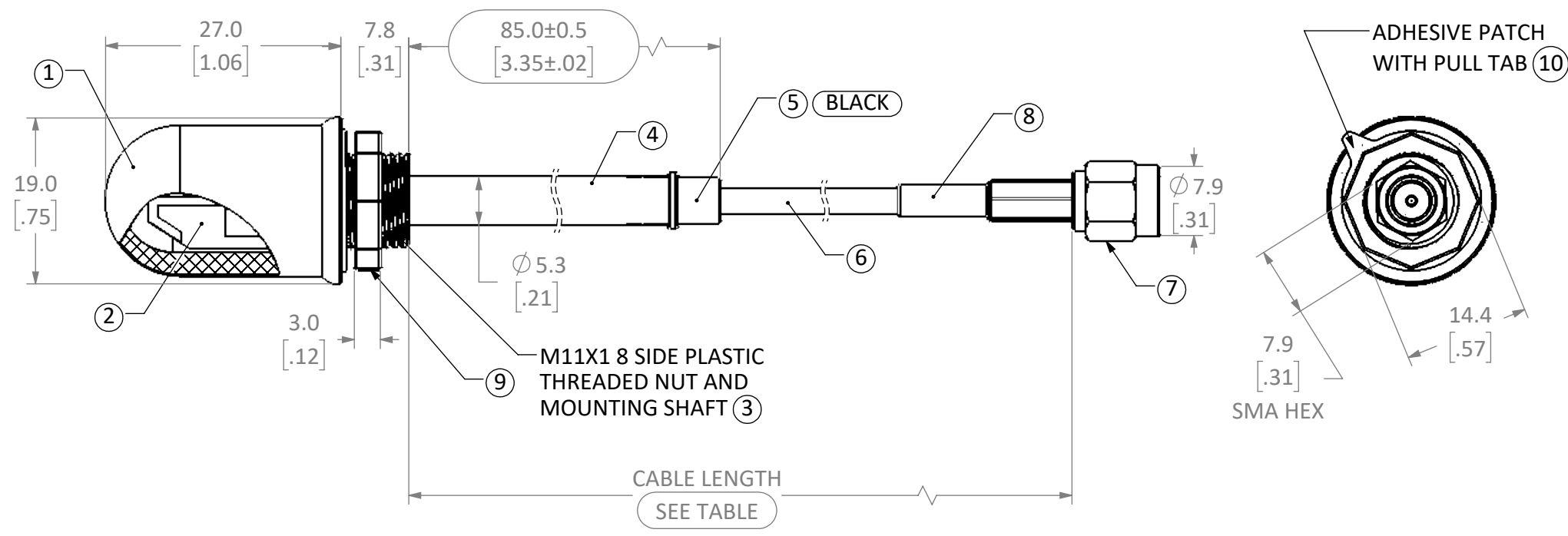


REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 9/8/21	DV
B	UPDATED TOLERANCE TO MORE CLOSLY MATCH MANUFACTURING TOLERANCES, COMBINED MHF1/UFL, AND MHF4 TO TABULATION. ADDED CABLE DIAMETER, MAX PANEL THICKNESS, AND BEND RADIUS.	JHAGER 10/28/21	
C	UPDATED DRAWING TO REDUCE TABULATED VARIABLES. DRAWING WAS ANT-W63-WRT-CCC	JHAGER 3/8/22	



- 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.
 - 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
 - ANTENNA QUALIFIED AND TESTED IAW LINX INTERNAL TEST PLAN DOCUMENT AT LATEST REVISION.
 - ELECTRICAL DATA SHOWN FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR COMPLETE ELECTRICAL PROPERTIES:
 - CENTER FREQUENCY TRI-BAND
 - BAND 1: 2.45 GHz
 - BAND 2: 5.8 GHz
 - BAND 3: 7.1 GHz
 - 50Ω IMPEDANCE
 - VSWR <2.5 TYP @ CENTER
 - 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 SMA TYPE IAW MIL-STD-348B

ITEM NUMBER	DESCRIPTION
10	GASKET FOAM ADH ACRYLIC/ACRYLIC
9	NUT OCT M11X1 POM BLACK
8	SHRINK TUBE 2:1 POLYOL BLACK
7	CONNECTOR SMA-TYPE GOLD/BRASS
6	CABLE COAX RG174U BLACK
5	GUIDE CABLE W63 ABS BLACK
4	COUNTERPOISE W63 ELEM NICKEL/BRASS
3	BASE THREADED M11X1 ABS BLACK
2	ELEMENT 2.4/5.8/7.1GHZ W63 RPC
1	COVER ELEMENT ABS BLACK

DESIGN TABLE	
PART NUMBER	CABLE LENGTH
ANT-W63-WRT-SMA	216±2mm [8.50]
ANT-W63-WRT-SMA-250	250±2mm [9.84]

WARNING: THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS DESIGNATED AGENTS.

STE 159 ORT LANE
connectivity MERLIN, OR 97532

MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
WEIGHT:	.X ±2.0 .XX ±1.00 .XXX ±.500	
FINISH:	ANGLES: ±1° SURFACE:	
DRAWN: JHAGER	DT: 10/8/20	
ENGR: DASARATHAN	DT: 3/1/21	

TITLE: ANTENNA PURCHASED ASSEMBLY WRT VAR END CONN AND PACK		
SIZE B	DWG. NO. C-ANT-W63-WRT-SMA-LLL	REV C
SCALE: 1.5:1	DO NOT SCALE DRAWING	SHEET 1 OF 1