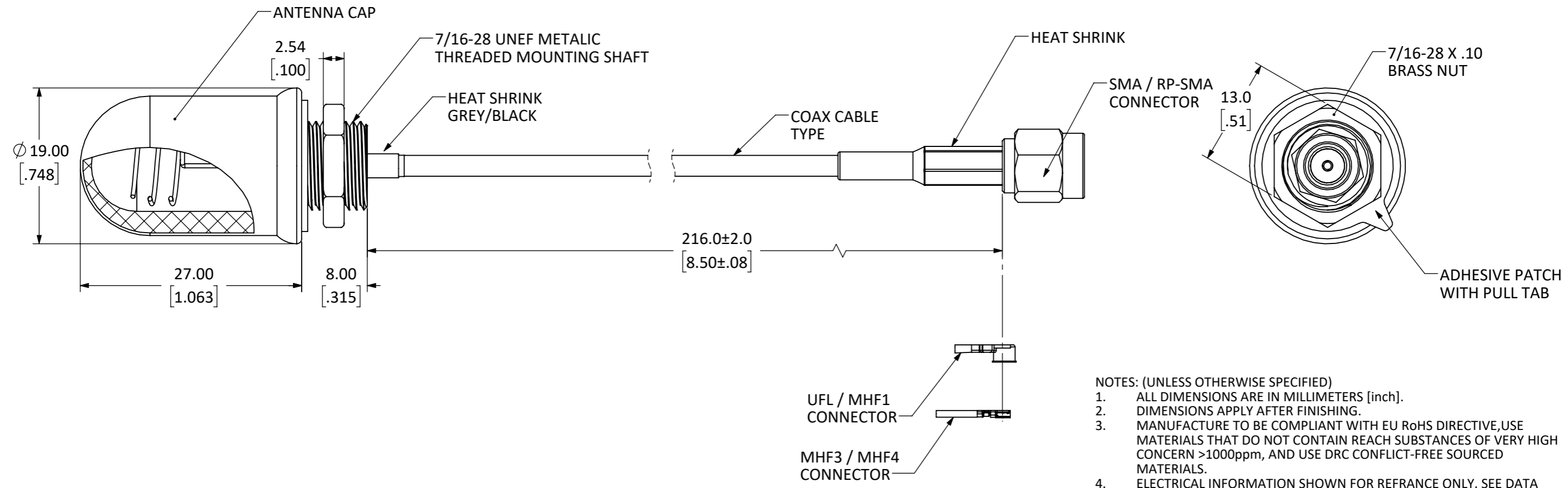


REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	12/12/23	CM

THIS DRAWING IS A CONTROLLED DOCUMENT DWG NO ANT-FFF-WRT-MON-CCC



- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS ARE IN MILLIMETERS [inch].
 - 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 INFORMATION SHOWN FOR REFERENCE ONLY. SEE DATA SHEET FOR ELECTRICAL PROPERTIES:
 - BAND 1: 2.45 GHz
 - BAND 2: 5.8 GHz
 - 1/4 WAVE
 - 50 Ω IMPEDANCE
 - VSWR <2.0 TYP @ CENTER
 - B1 GAIN: 1dBi MAX
 - B2 GAIN: 2.8dBi MAX
 - ANTENNA QUALIFIED IAW TEST PLAN DOCUMENT AT LATEST REVISION.
 - MECHANICAL:
 - TEMP: -40 ϕ C - +90 ϕ C
 - TORQUE: 4.0kgf/cm
 - $\phi .433$ " [11mm] RECOMMENDED INSTALLATION HOLE SIZE IN METALLIC/CONDUCTIVE GROUND PLANE.
 - UNLESS OTHERWISE NOTED ON PURCHASE ORDER, PACKAGE EACH PRODUCT INDIVIDUALLY AND BAG IN 50 UNIT LOTS.
 - CLEAN AND DEBURR $\phi 11$ mm PANEL MOUNTING HOLE USING IPA AND MOUNT TO SUFFICIENT GROUND PLANE. SEE DATA SHEET
 - PACKAGE ANTENNA INDIVIDUALLY FOR TRANSPORT.

PART NUMBER TABULATION REFERENCE TABLE

PART NUMBER	CONNECTION	COAX CABLE TYPE	HEAT SHRINK COLOR	MINIMUM BEND RADIUS
L9000168-01	SMA	RG174	GREY	10mm
L9000167-01	RP-SMA	RG174	GREY	10mm
L9000169-01	UFL	1.32mm	GREY	6mm
L9000342-01	MHF3	.81mm	GREY	4mm
L000737	MHF4	1.13mm	GREY	5mm
L9000106-01	SMA	RG174	BLACK	10mm
L9000105-01	RP-SMA	RG174	BLACK	10mm
L9000107-01	UFL	1.32mm	BLACK	6mm
L9000104-01	MHF4	1.13mm	BLACK	5mm

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JHAGER 11/30/23
DIMENSIONS: mm		CHK CLEWIS 11/30/23
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD HARRY C 11/30/23
0 PLC ± 0.5		PRODUCT SPEC 108-161079
1 PLC ± 0.25		APPLICATION SPEC -
2 PLC ± 0.13		WEIGHT 17.121 g
3 PLC		SIZE A3
4 PLC ANGLES $\pm 30'$		CAGE CODE 00779
MATERIAL ABS BLACK	FINISH	DRAWING NO ANT-FFF-WRT-MON-CCC
CUSTOMER DRAWING		RESTRICTED TO -
SCALE 2:1		SHEET 1 OF 1
REV A		



SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	ANT-FFF-WRT-MON-CCC	-
SCALE 2:1		SHEET 1 OF 1	REV A