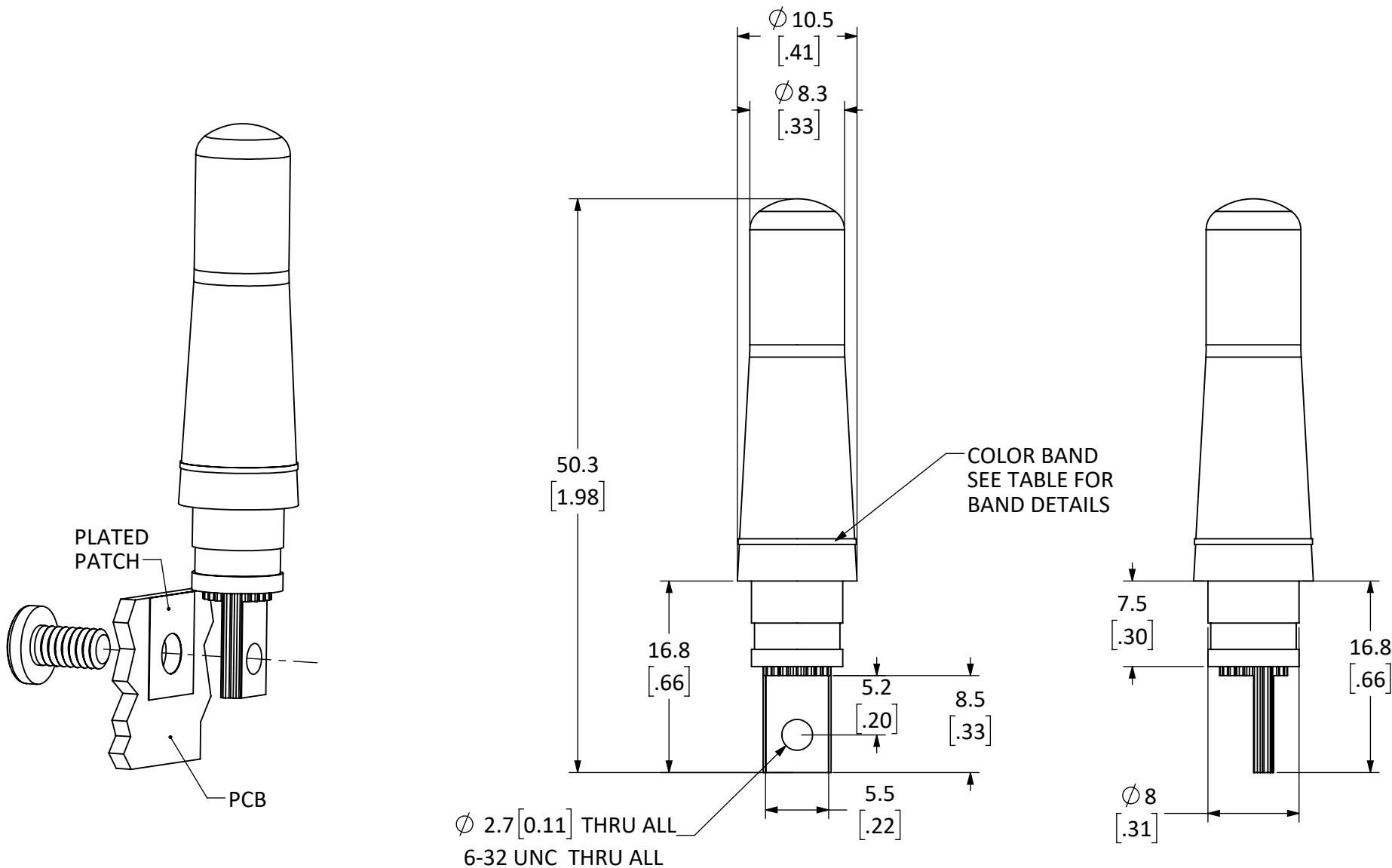


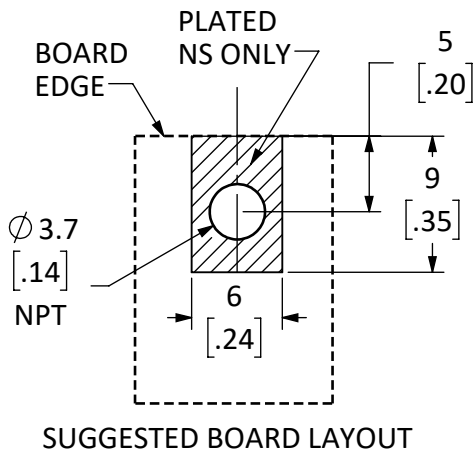
REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE, CUSTOMER VIEWABLE DRAWING	11/8/23	CM

DWG NO  
ANT-FFF-PW-LP

THIS DRAWING IS A CONTROLLED DOCUMENT


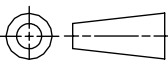


1. ALL DIMENSIONS ARE IN MM [INCHES].
2. ALL MATERIALS PRODUCT AND PROCESSES MUST MEET REQUIREMENT OF TE CONNECTIVITY ENVIRONMENTAL STANDARD TEC-138-702 CONTAINS NO BANNED OR RESTRICTED SUBSTANCES.
3. NO REACH SVHC SHALL BE CONTAINED ABOVE THE TRESHOLD AS DEFINED IN REACH SVHC COMPLIANCE DEFINITION IN ANNEX "A" OF TEC-138-702.
4. ELECTRICAL DATA SHOWN FOR REFERENCE ONLY.
  1. FREQUENCY: SEE TABLE
  2. MAX POWER: 15W
  3. OMNIDIRECTIONAL
  4. 1/4 WAVE TYPE
  5. MONOPOLE TYPE
  6. IMPEDANCE: 50Ω
  7. VSWR <1.9 TYP @ CENTER
5. ANTENNA QUALIFIED ON 1.5" X 3.3" COPPER CLAD GROUND PLANE IAW 108 INTERNAL TEST DOCUMENT AT LATEST REVISION.
6. MECHANICAL :
  1. ASSEMBLY: THRU-HOLE SCREW MOUNT 6-32 PHP SCREW PROVIDED. .565Nm [5in/lbs] MAX
  2. OPERATING AND STORAGE TEMPERATURE: -40°C - +85°C
  3. 6-32 UNC MOUNTING SCREW SHIPPED LOOSE IN BAG



SUGGESTED BOARD LAYOUT

PART NUMBER	ANT-315-PW-LP	ANT-418-PW-LP	ANT-433-PW-LP	ANT-868-PW-LP	ANT-916-PW-LP	ANT-2.4-PW-LP
CENTER FREQUENCY	315 MHz	418 MHz	433 MHz	868 MHz	916 MHz	2.45 GHz
BANDWIDTH	6 MHz	14 MHz	12 MHz	72 MHz	70 MHz	200 MHz
COLOR BAND	GREEN PANTONE 348C	BLUE PANTONE 301C	RED PANTONE 032C	GRAY PANTONE 429C	YELLOW PANTONE 116C	MAGENTA PANTONE 246U

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JHAGER	11/8/23	<div>TE Connectivity</div>				
		CHK CLEWIS	11/8/23					
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:  0 PLC ± 0.5 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC 4 PLC ANGLES ± 30'	APVD CMURPHY	11/8/23	ANTENNA PW-LP SERIES BOARD MOUNT WITH SCREW SHIP LOOSE				
		PRODUCT SPEC 108-161079						
		APPLICATION SPEC -		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
	MATERIAL  SWC, SS	FINISH  PAS	WEIGHT 2.597 g	A3	00779	C=ANT-FFF-PW-LP	-	
CUSTOMER DRAWING						SCALE 2:1	SHEET 1 OF 1	REV A