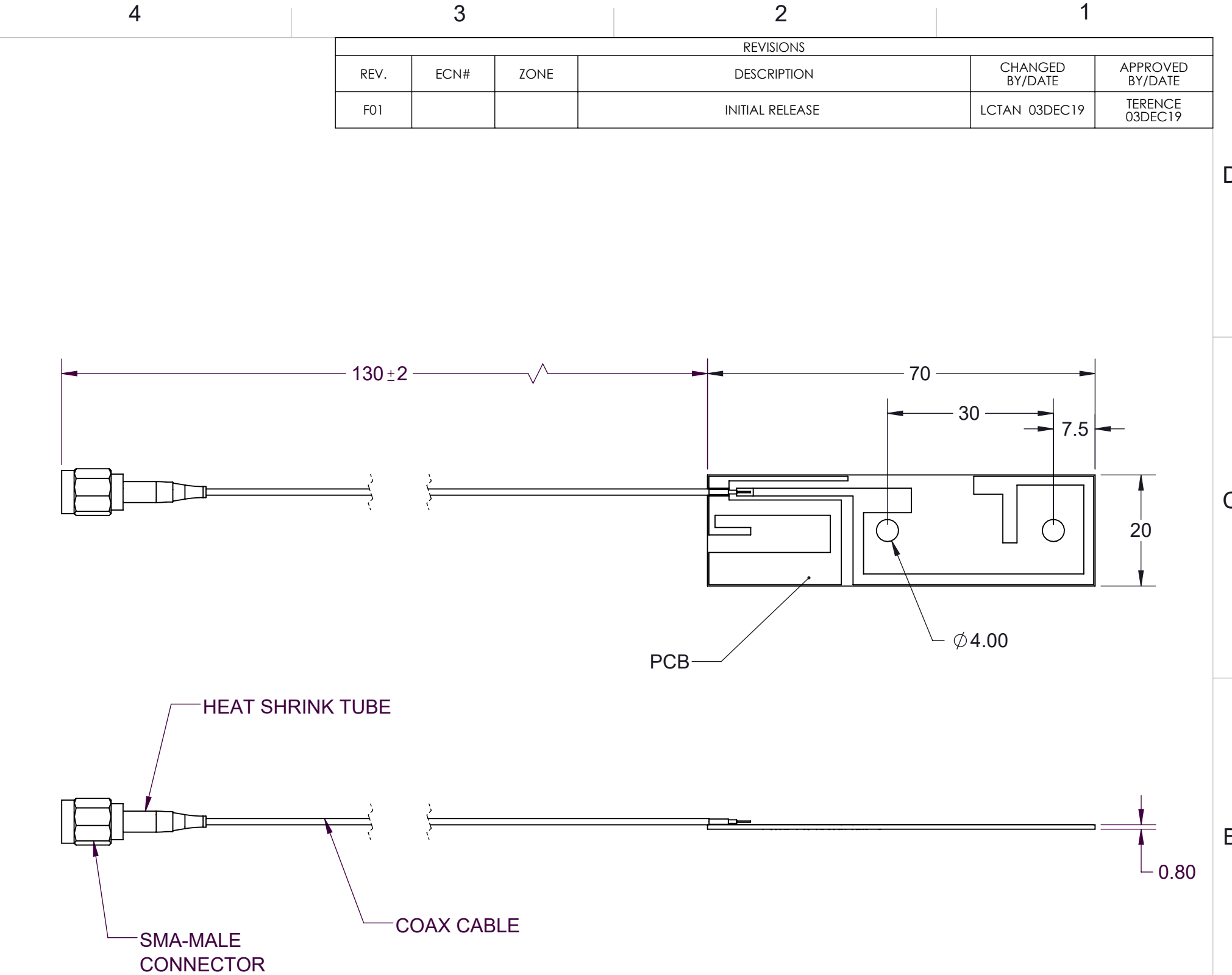


6		5	
D	PARAMETER	PERFORMANCE	
	MODEL NUMBER	EPR8221A-13SMAM	
	ANTENNA TYPE	EMBEDED DIPOLE ANTENNA REVIE PRIME FAMILY	
	FREQUENCY,MHz	824-960	
		1710-2170	
	AVERAGE GAIN (*),dBi	-1.08 @ 824-960 MHz	
		0.52 @ 1710-2170 MHz	
	IMPEDENCE, Ohm	50	
	AVERAGE EFFICIENCY(*),%	28 @ 824-960 MHz	
		43 @ 1710-2170 MHz	
	POLARIZATION	VERTICAL	
	RADIATION PATTERN	OMNIDIRECTIONAL	
	VSWR (*)	< 3.95 A Cross operating frequency	
	PCB SIZE ,MM (L x W x THK)	70 x 20 x 0.8	
C	CABLE TYPE	Ø1.13 COAX CABLE	
	CONNECTOR	SMA -MALE	
	CABLE LENGTH, MM	130 ± 2	
	OPERATING TEMPERATURE, °C	-40 TO +85	
	RoHS COMPLIANCE	YES	
(*) NOTE: THIS PARAMETER IS DEVICE DEPENDANT AND SHOULD SERVE AS REFERENCE			

The component(s), including any plating, finishes, coatings, chemicals and surfaces treatments, supplied in this document/drawing must conform and comply with the latest issue of Laird Technologies Specification LT-GES-001, which fully includes but is not limited to all contents of EU Directives 2011/65/EC (RoHS Directive), as well as includes requirements of the Joint Industry Guide standard JIG-101, April 2005. The component(s) in this document/drawing may be subject to a full compound analysis for proof of compliance. The latest issue of Laird Technologies Specification LT-GES-001, (General Specification for the Environment) is readily available upon request from the supplier.

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MATERIAL:			THIRD ANGLE PROJECTION		Laird™ IAS, PENANG MALAYSIA		
FINISH:					TITLE: EPR8221A-13SMAM MOUNTING & OUTLINE		
			DO NOT SCALE DRAWING				
APPROVALS		DATE	INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009 TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS				
DRAWN BY	LCT	03DEC19					
ELEC. ENG.	PETER	03DEC19					
MECH. ENG.	WTNG	03DEC19					
MFG./OPS.	TERENCE	03DEC19	ANGLE: 0 PLACE DECIMAL: ±30' 1 PLACE DECIMAL: ±0.5 2 PLACE DECIMAL: ±0.25 2 PLACE DECIMAL: ±0.13 SURFACE ROUGHNESS 1.6/√		SIZE A3	DWG. NO. EPR8221A-13SMAMMO	REV F01
			SCALE: 1.2:1			PREVIOUS#	SHEET 1 OF 1