

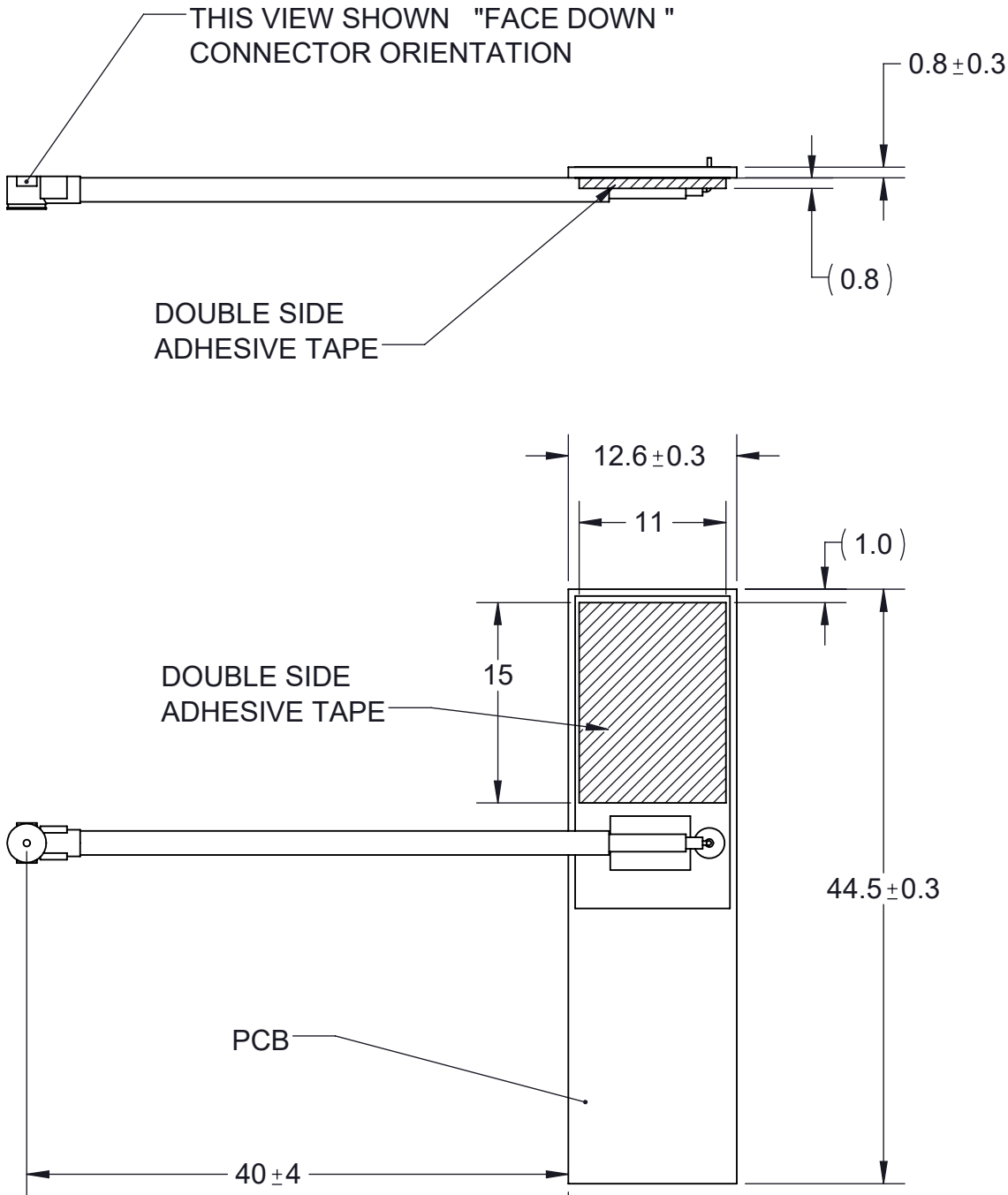
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REVISIONS					
REV.	ECN#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
F01			INITIAL RELEASE	LCTAN 05OCT20	TERENCE 05OCT20

PARAMETER	PERFORMANCE
MODEL NUMBER	EBL2400A2S-4MHF1
ANTENNA TYPE	EMBEDDED DIPOLE ANTENNA NANOBLUE FAMILY
FREQUENCY, GHz	2.4 to 2.5
AVERAGE GAIN (*), dBi	2.1
IMPEDENCE, Ohm	50
AVERAGE EFFICIENCY (*),%	72
VSWR (*)	< 2.0: 1
POLARIZATION	VERTICAL
RADIATION PATTERN	OMNIDIRECTIONAL
PCB SIZE (W x L x T),mm	12.6 x 44.5 x 0.8
CABLE TYPE	Ø 1.13 COAX CABLE
CONNECTOR	IPEX MHF1
TOTAL CABLE LENGTH,Lc,mm	40 ± 4
RoHS COMPLIANCE	YES

- (\*) NOTE: THIS PARAMETER IS DEVICE DEPENDANT AND SHOULD SERVE AS REFERENCE.
- THIS SPECIFICATION IS BASED ON THE TEST CONDITION ON A PC PLASTIC THICKNESS OF 1.8MM

MATERIAL:			THIRD ANGLE PROJECTION		<div><div>Laird<sup>IN</sup></div><div>CONNECTIVITY</div><div>PENANG, MALAYSIA</div></div>		
FINISH:			<div><div><div><div></div></div></div><div><div></div></div></div> <div>DO NOT SCALE DRAWING</div>				
APPROVALS		DATE	INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009		TITLE: <div>EBL2400A2S-4MHF1</div> <div>MOUNTING &amp; OUTLINE</div>		
DRAWN BY	LCTAN	05OCT20					
ELEC. ENG.	ZAINI	05OCT20	TOLERANCES UNLESS OTHERWISE SPECIFIED				
MECH. ENG.	WT NG	05OCT20					
MFG./OPS.	GL YEAP	05OCT20					
			DIMENSIONS ARE IN MILLIMETERS		SIZE <div>A3</div>		
			ANGLE: <div>0 PLACE DECIMAL: ±30'</div> <div>1 PLACE DECIMAL: ±0.5</div> <div>2 PLACE DECIMAL: ±0.25</div> <div>2 PLACE DECIMAL: ±0.13</div>		DWG. NO. <div>EBL2400A2S-4MHF1MO</div>		
			SURFACE ROUGHNESS <div>1.6</div>		REV <div>F01</div>		
			SCALE: 2:1		PREVIOUS# ERROR!:Old Number		
					SHEET 1 OF 1		

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