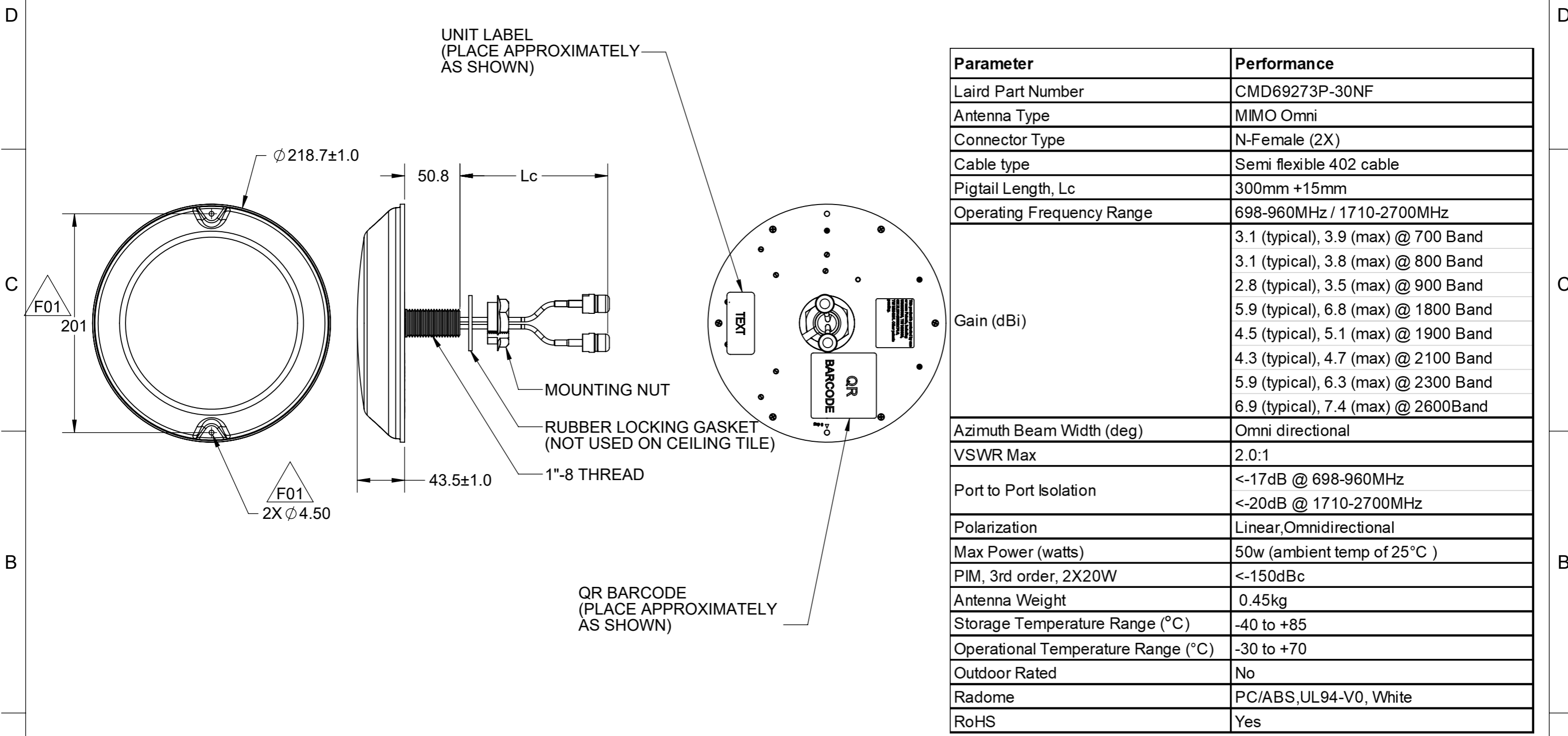


REVISIONS					
REV.	ECR#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
AB			ADDED QR BARCODE ON ANTENNA	WT NG 17SEP14	HANG 17SEP14
F01	ECO-18-00437		ADDED MOUNTING HOLES DIMENSION & DISTANCE	WT NG 12OCT18	WT NG 12OCT18



Parameter	Performance
Laird Part Number	CMD69273P-30NF
Antenna Type	MIMO Omni
Connector Type	N-Female (2X)
Cable type	Semi flexible 402 cable
Pigtail Length, Lc	300mm +15mm
Operating Frequency Range	698-960MHz / 1710-2700MHz
Gain (dBi)	3.1 (typical), 3.9 (max) @ 700 Band 3.1 (typical), 3.8 (max) @ 800 Band 2.8 (typical), 3.5 (max) @ 900 Band 5.9 (typical), 6.8 (max) @ 1800 Band 4.5 (typical), 5.1 (max) @ 1900 Band 4.3 (typical), 4.7 (max) @ 2100 Band 5.9 (typical), 6.3 (max) @ 2300 Band 6.9 (typical), 7.4 (max) @ 2600Band
Azimuth Beam Width (deg)	Omni directional
VSWR Max	2.0:1
Port to Port Isolation	<-17dB @ 698-960MHz <-20dB @ 1710-2700MHz
Polarization	Linear, Omnidirectional
Max Power (watts)	50w (ambient temp of 25°C )
PIM, 3rd order, 2X20W	<-150dBc
Antenna Weight	0.45kg
Storage Temperature Range (°C)	-40 to +85
Operational Temperature Range (°C)	-30 to +70
Outdoor Rated	No
Radome	PC/ABS, UL94-V0, White
RoHS	Yes

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 2002/95/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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<b>MATERIAL:</b> N/A		THIRD ANGLE PROJECTION 	<b>Laird TECHNOLOGIES</b> INFRASTRUCTURE ANTENNA SYSTEMS PENANG, MALAYSIA
<b>FINISH:</b> N/A			
APPROVALS		DO NOT SCALE DRAWING	<b>TITLE:</b> MOUNTING & OUTLINE CMD69273P-30NF
DRAWN BY	WT NG	INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009	
PROJ. ENG.	LL TEOH		
APPL. MECH.	CY HANG	TOLERANCES UNLESS OTHERWISE SPECIFIED	
MFG.	CH FONG	DIMENSIONS ARE IN MILLIMETERS	<b>SIZE</b> A3
		ANGLE: 0 PLACE DECIMAL: ±30' 1 PLACE DECIMAL: ±0.5 2 PLACE DECIMAL: ±0.25 SURFACE ROUGHNESS 1.6/√	
			DWG. NO. CMD69273P-30NFMO
			REV F01
			SCALE: 1:3.5 PREVIOUS#
			SHEET 1 OF 1