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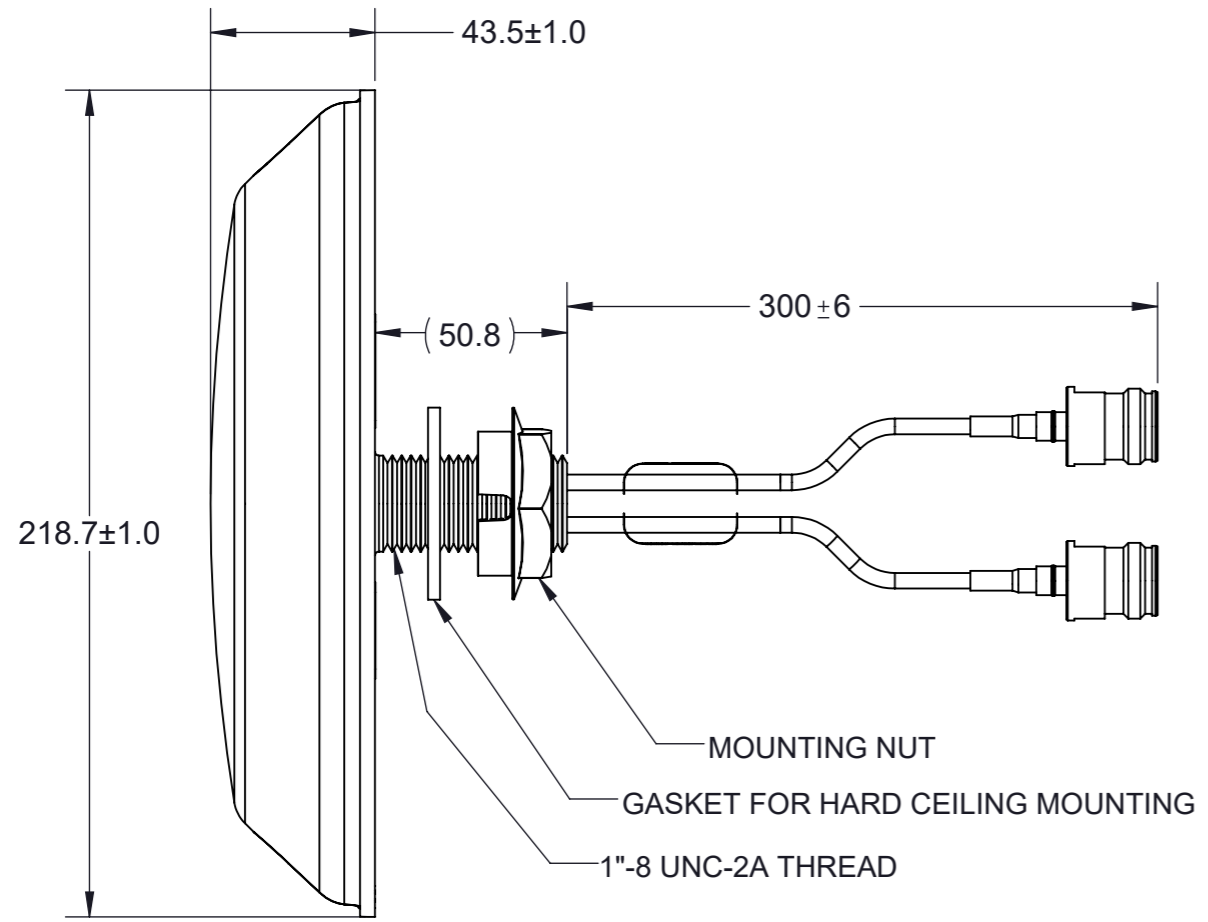
C

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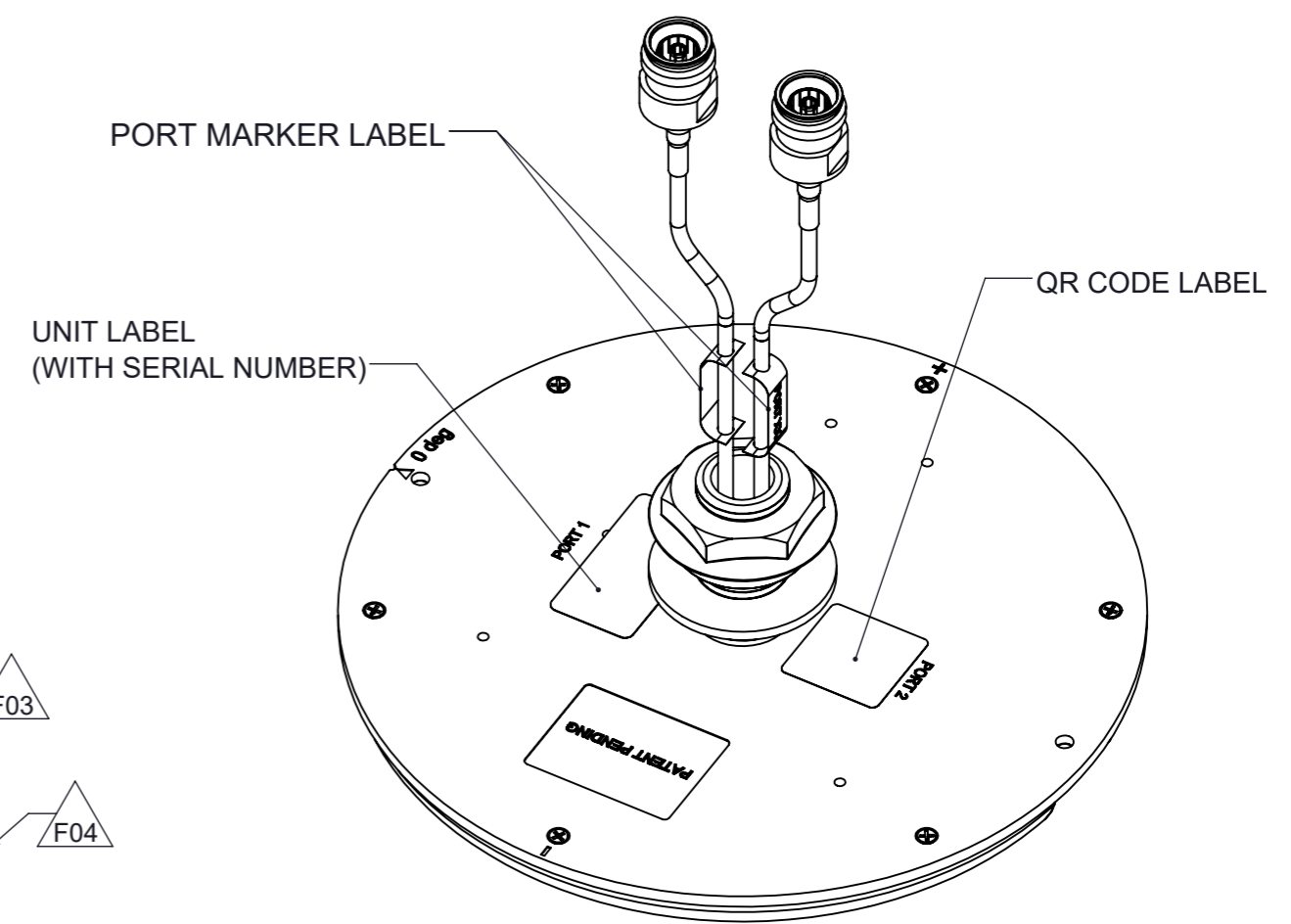
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A

A



REVISIONS					
REV.	ECN#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
1			PRELIMINARY COPY	YS TAN 09FEB18	WT NG 09FEB18
F01	ECO-18-00236		PRODUCTION RELEASED	YS TAN 08JUN18	WT NG 08JUN18
F02	ECO-18-00347		UPDATED SPECIFICATION TABLE	YS TAN 29AUG18	WT NG 29AUG18
F03	ECO-19-00205		UPDATED SPECIFICATION TABLE	YS TAN 15APR19	WT NG 15APR19
F04	ECO-20-00138		FREQ. BAND FROM "3300-4000" TO "3300-4200" MHz	YS TAN 17FEB20	WT NG 17FEB20



PARAMETER	SPECIFICATION									
Part No	CMD69423P-30D43F									
Ports	2									
Frequency Bands, MHz	698-806	824-894	880-960	1350-1550	1690-1880	1850-1990	1910-2180	2300-2500	2500-2700	3300-4200
Peak Gain, dBi (Max)	3.9	4.6	5.3	6.0	6.1	5.6	5.6	6.5	6.8	6.7
VSWR, Max	< 1.8:1			< 2.0:1			< 1.8:1			< 2.0:1
PIM, 3rd Order, 2x 20W (Max), dBc	< -150									
Isolation, dB (Min)	> 15		> 13		> 15			> 20		
Nominal Impedance, Ω	50									
Polarization	Linear - Vertical									
Azimuth Beam Width, °	360, Omnidirectional									
Max Power (Ambient 25°C/77°F), Watt	50									
Cable Length, cm/Connector	30/ 4.3-10, Female									
Antenna Dimension (Ht x Dia), mm	43.5 x 218.7									
Weight (Approximation), g	430									
Antenna Color	White									
Radome	PC+ABS, UL94-V0									
Operating Temperature, °C	-30 to +70									
Storage Temperature, °C	-40 to +85									
RoHS Compliance	YES									

F03

F04

MATERIAL: N/A		THIRD ANGLE PROJECTION	
FINISH:		DO NOT SCALE DRAWING	
APPROVALS		DATE	
DRAWN BY	YS TAN	09FEB18	
ELEC. ENG.	CC SU	09FEB18	
MECH. ENG.	YS TAN	09FEB18	
MFG./OPS.	HE KHOR	09FEB18	

INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009

TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN MILLIMETERS

ANGLE: ±30'
0 PLACE DECIMAL: ±0.5
1 PLACE DECIMAL: ±0.25
2 PLACE DECIMAL: ±0.13

SURFACE ROUGHNESS 1.6/√

Laird IAS, PENANG MALAYSIA

TITLE: **CMD69423P-30D43F MOUNTING & OUTLINE**

SIZE **A3** DWG. NO. **CMD69423P-30D43FMO** REV **F04**

SCALE: 1:2 PREVIOUS# SHEET 1 OF 1

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