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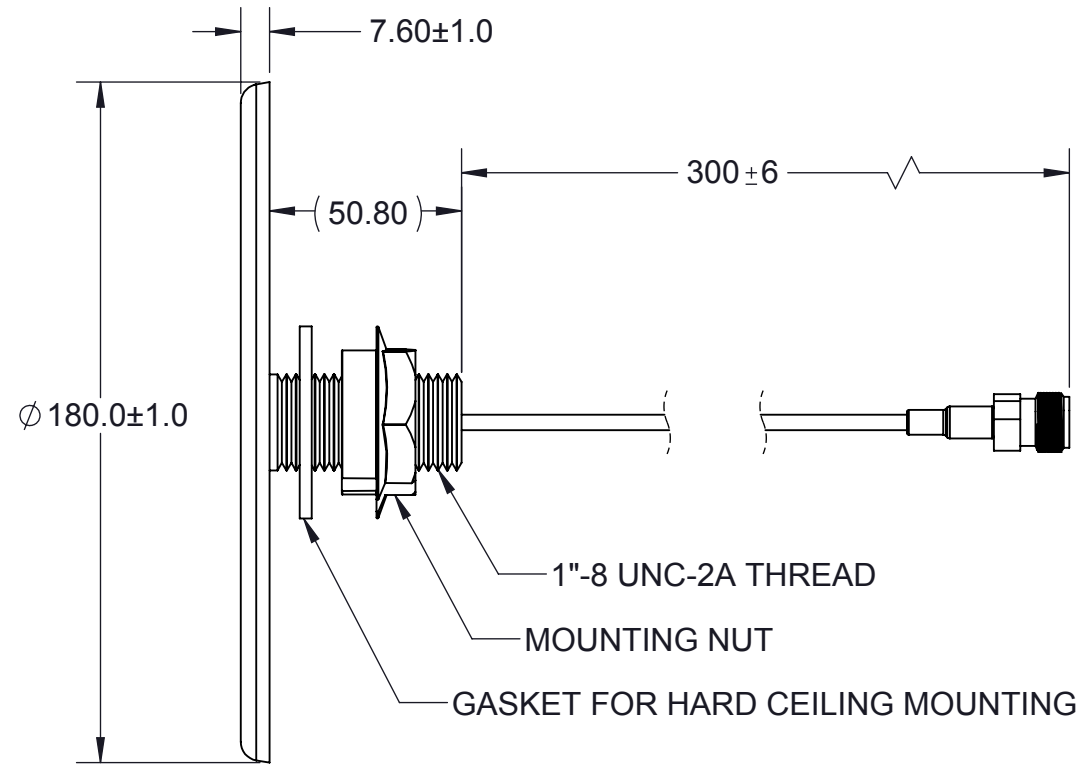
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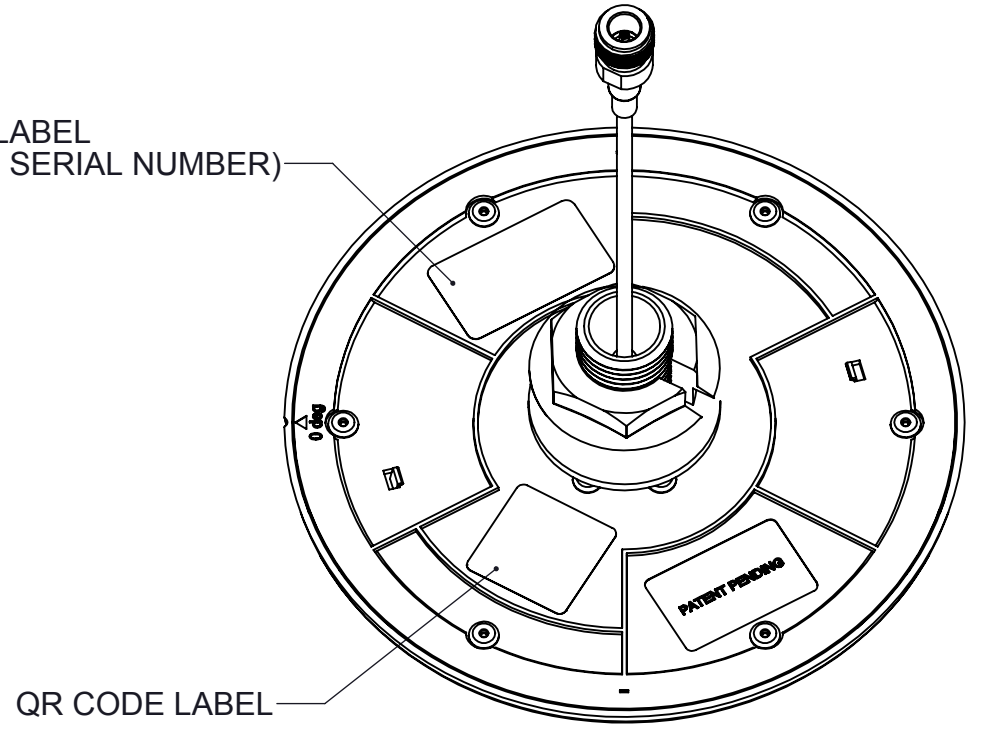
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REVISIONS					
REV.	ECN#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
F03	ECN-IAS-06018		REVISED SPECIFICATION TABLE	YS TAN 24FEB17	WT 24FEB17
F04	ECN-IAS-06101		FREQUENCY BAND 1910-2180 WAS 1910-2170	YS TAN 22MAR17	WT 22MAR17
F05	ECN-IAS-06128		ADD PIM SPEC FOR FREQUENCY BAND 2300-2700 MHz	YS TAN 05APRIL17	WTN 05APRIL17

PARAMETER	SPECIFICATION										
Part No	CFSA69383P-30NF										
Ports	1										
Frequency Bands, MHz	698-806	824-894	880-960	1350-1550	1690-1880	1850-1990	1910-2180	2300-2700	3300-3800	3800-4000	
Peak Gain, dBi (Max)	3.5	3.1	4.1	5.6	4.3	4.7	4.7	5.8	3.0	3.2	
VSWR, Max	< 1.5	< 1.5	< 1.5	< 2	< 1.5	< 1.5	< 1.5	< 1.5	< 1.8	< 2	
PIM, 3rd Order, 2 x 20W (Max), dBc	< -150										
Nominal Impedance, Ω	50										
Polarization	Linear - Horizontal										
Azimuth Beam Width, deg	360 , Omnidirectional										
Max Power (Ambient 25°C/77°F), Watts	50										
Cable Length/Connector, cm	30/ Type N, Female										
Antenna Dimension (Ht x Dia), mm	7.6 x 180										
Weight, g	214										
Antenna Color	White										
Radome	PC, UL94-V0										
Operating Temperature, °C	-30 to +70										
Storage Temperature, °C	-40 to +85										
RoHS Compliance	YES										

UNIT LABEL
(WITH SERIAL NUMBER)



QR CODE LABEL

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: N/A		THIRD ANGLE PROJECTION		IAS, PENANG MALAYSIA	
FINISH: N/A		DO NOT SCALE DRAWING			
APPROVALS		DATE		TITLE:	
DRAWN BY	YS TAN	06JAN17		CFSA69383P-30NF MOUNTING & OUTLINE	
ELEC. ENG.	KJ NG	06JAN17			
MECH. ENG.	YS TAN	06JAN17			
MFG./OPS.	ALEX KHOR	06JAN17			
INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009		DIMENSIONS ARE IN MILLIMETERS		SIZE	
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGLE: ±30'		DWG. NO.	
0 PLACE DECIMAL: ±0.5		1 PLACE DECIMAL: ±0.25		A3 CFSA69383P-30NFMO	
1 PLACE DECIMAL: ±0.25		2 PLACE DECIMAL: ±0.13			
2 PLACE DECIMAL: ±0.13		SURFACE ROUGHNESS 1.6/√		F05	
SCALE: 1:2		PREVIOUS#		SHEET 1 OF 1	