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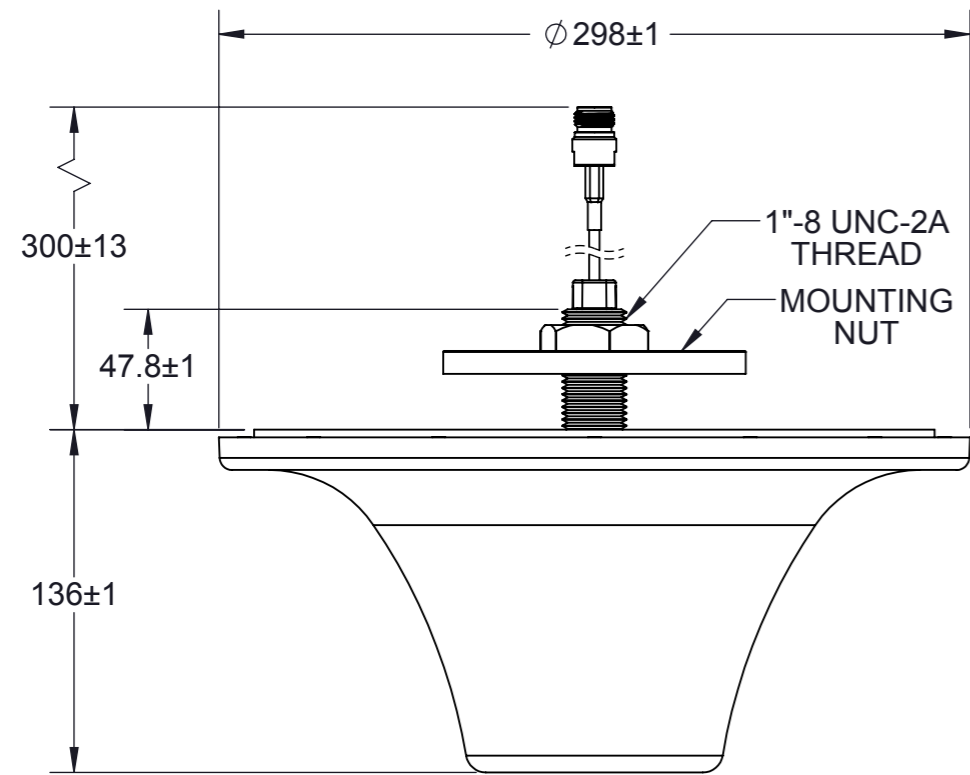
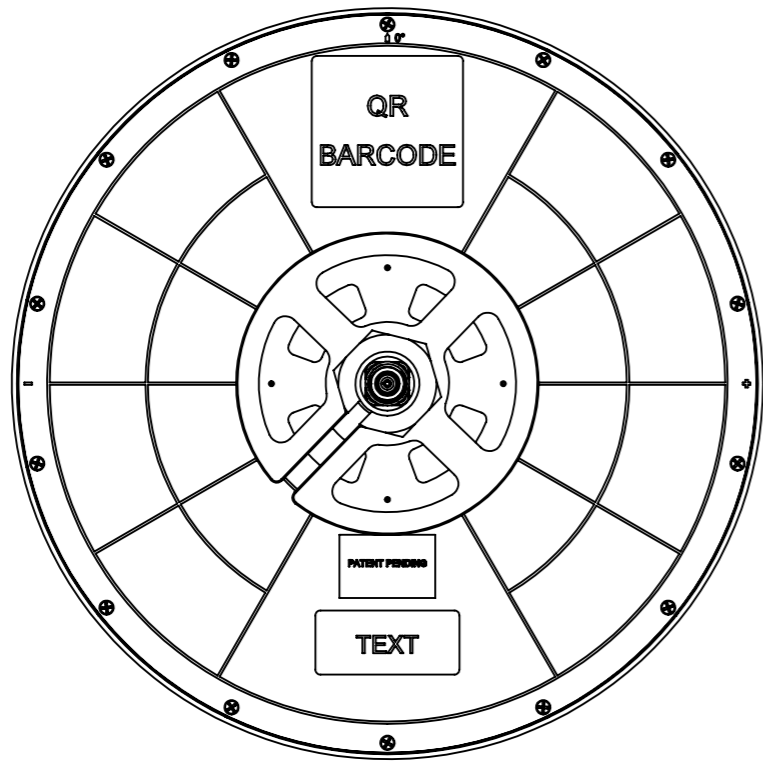
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REVISIONS					
REV.	ECN#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
F01	ECN-IAS-03690	ALL	PRODUCTION RELEASE	S.J. 23FEB15	S.J. 23FEB15
F02	ECN-IAS-04218	ALL	UPDATE SPEC TABLE AND OPTIONAL MOUNTING	YJ TEOH 20JUL15	CY HANG 20JUL15
F03	ECN-IAS-04727	ALL	UPDATED PIM PARAMETER DESCRIPTION AND FREQUENCY RANGE	YJ TEOH 13OCT15	CY HANG 13OCT15

Parameter	Performance
Laird Model Number	CMS38606P-30NF
Frequency	380-520 MHz
	600-960 MHz
	1390-1435 MHz
	1690-6000 MHz
VSWR 380-520MHz	3.0:1 Max
VSWR 600-960,1390-1435, 1690-6000 MHz	2.0:1 Max
Max Gain	3.1 dBi @ 380-520 MHz
	2.9 dBi @ 600-960 MHz
	5.4 dBi @1390-1435 MHz
	7.0 dBi @1690-6000 MHz
Polarization	Vertical
Impedance	50Ω
PIM (IM3 @ 2X43 dBm)	<-150dBc
Power	50W @ ambient temp 25°C (77°F)
RF Connector	Type N(f)
Radome Color	White
Operating Temperature	- 30°C to +70°C
Storage Temperature	- 40°C to +85°C
Water/Foreign Body Ingress	IP-67
Antenna Weight	0.8kg (1.76lbs)

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<b>MATERIAL:</b> N/A		THIRD ANGLE PROJECTION 	<b>Laird</b> MANCHESTER, NH 03103 USA
<b>FINISH:</b> N/A			
APPROVALS		DO NOT SCALE DRAWING	<b>TITLE:</b> CMS38606P-30NF MOUNTING & OUTLINE
DRAWN BY	S. JOHNSON	INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009	
ELEC. ENG.	Y. XU		
MECH. ENG.	E. RUSSELL		
MFG./OPS.	B. THATCHER	TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	SIZE <b>A3</b>
		ANGLE: 0 PLACE DECIMAL: ±30' 1 PLACE DECIMAL: ±0.5 2 PLACE DECIMAL: ±0.25 SURFACE ROUGHNESS 1.6/√	DWG. NO. <b>CMS38606P-30NFMO</b>
			REV <b>F03</b>
			SCALE: 1:3 PREVIOUS# SHEET 1 OF 3

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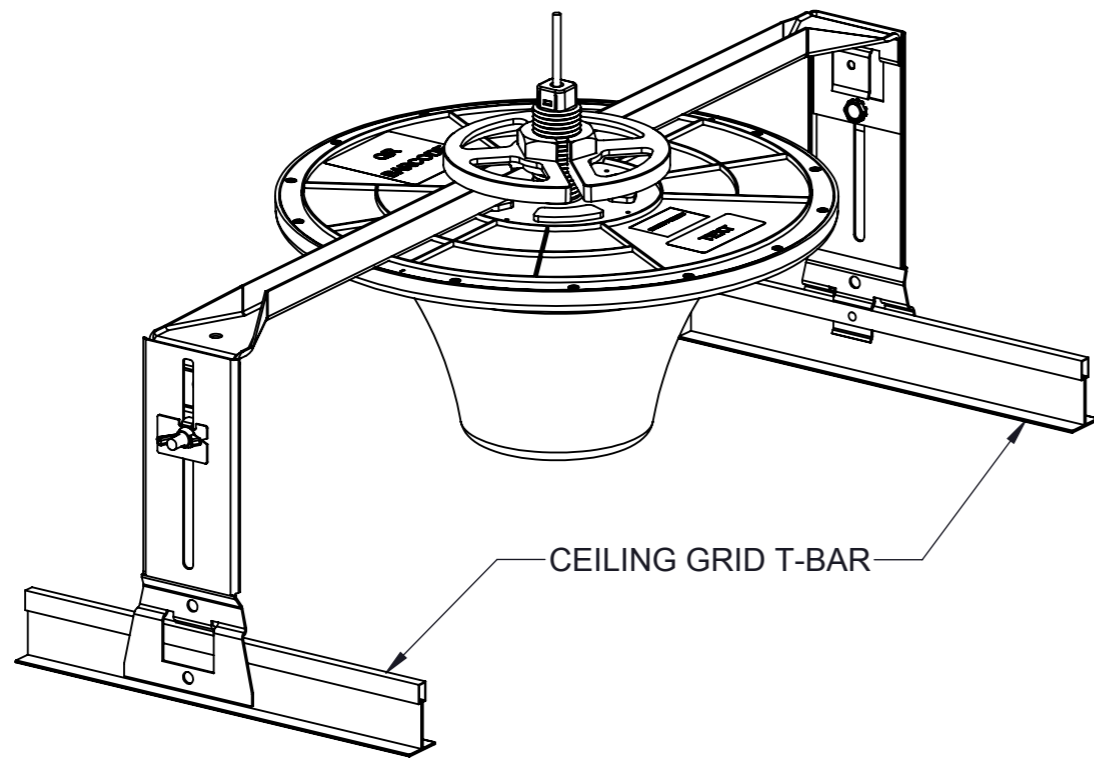
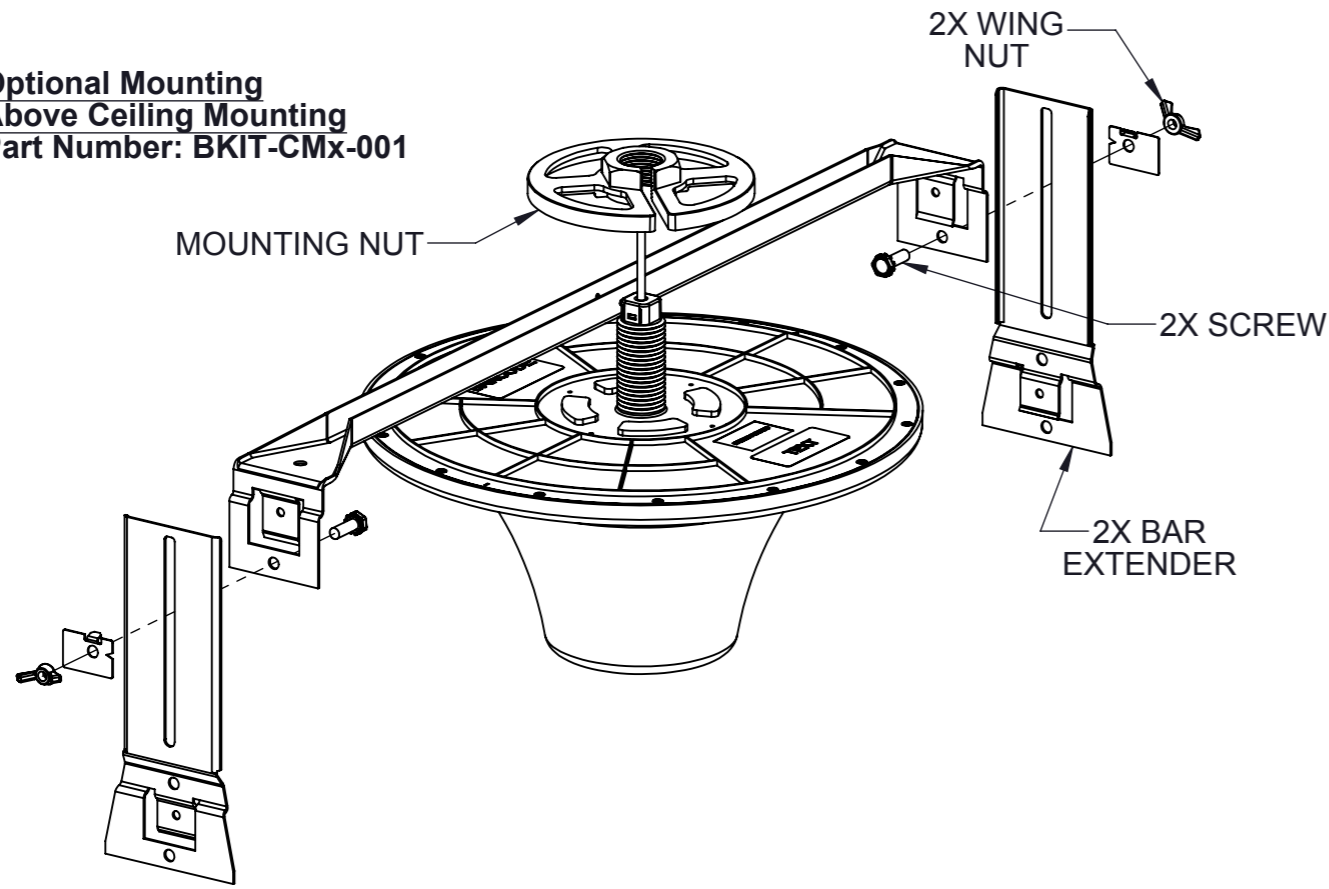
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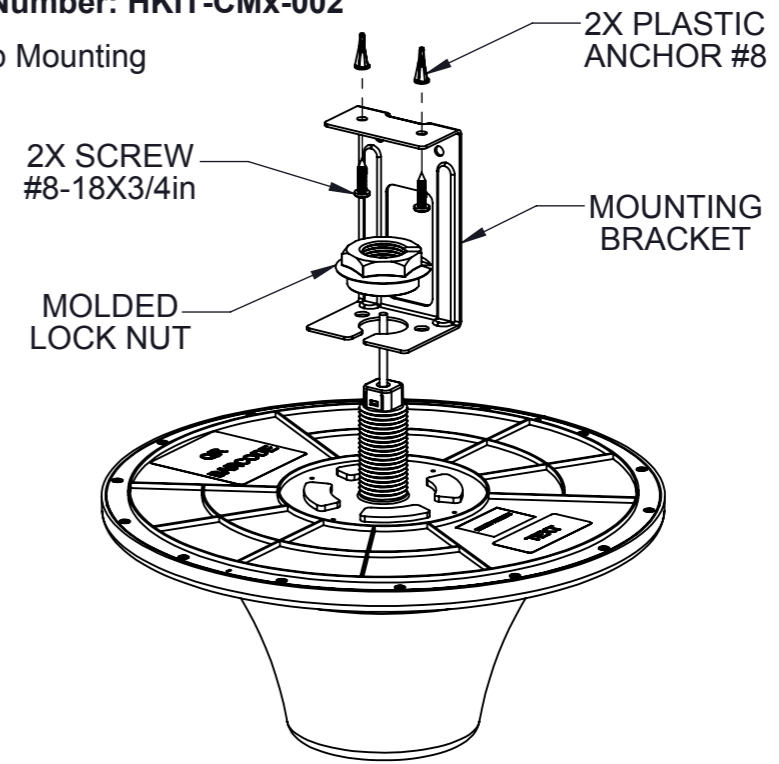
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**Optional Mounting  
Above Ceiling Mounting  
Part Number: BKIT-CMx-001**

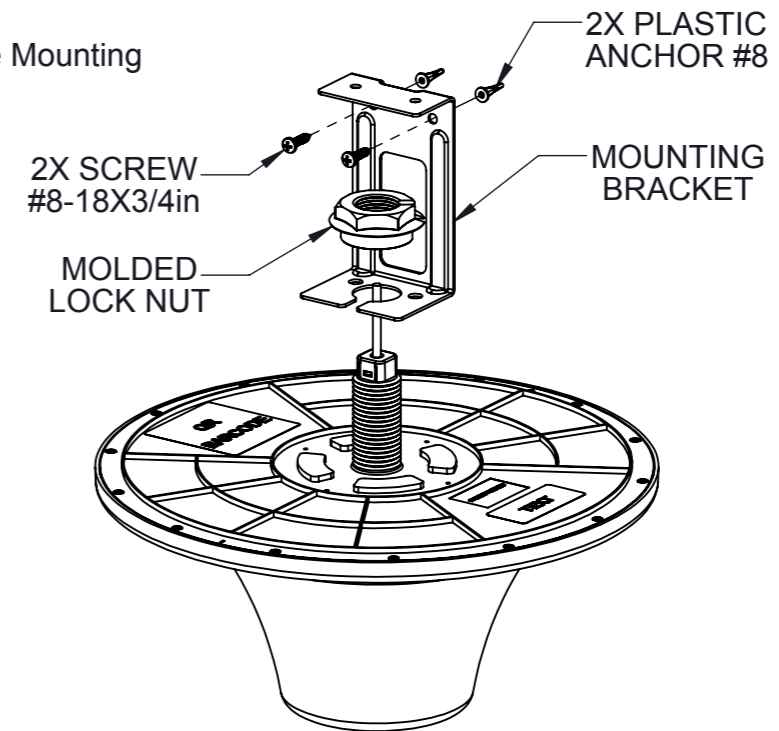


**Optional Mounting  
Hard Ceiling Mounting  
Part Number: HKIT-CMx-002**

1. Top Mounting



2. Side Mounting



NOTE: THESE OPTIONAL MOUNTING KITS **ARE NOT** INCLUDED WITH THE ANTENNA AND CAN BE PURCHASED SEPERATELY



MANCHESTER, NH 03103  
USA

SIZE	DWG. NO.	REV
<b>A3</b>	<b>CMS38606P-30NFMO</b>	<b>F03</b>
SCALE: 1:4	PREVIOUS#	SHEET 2 OF 3

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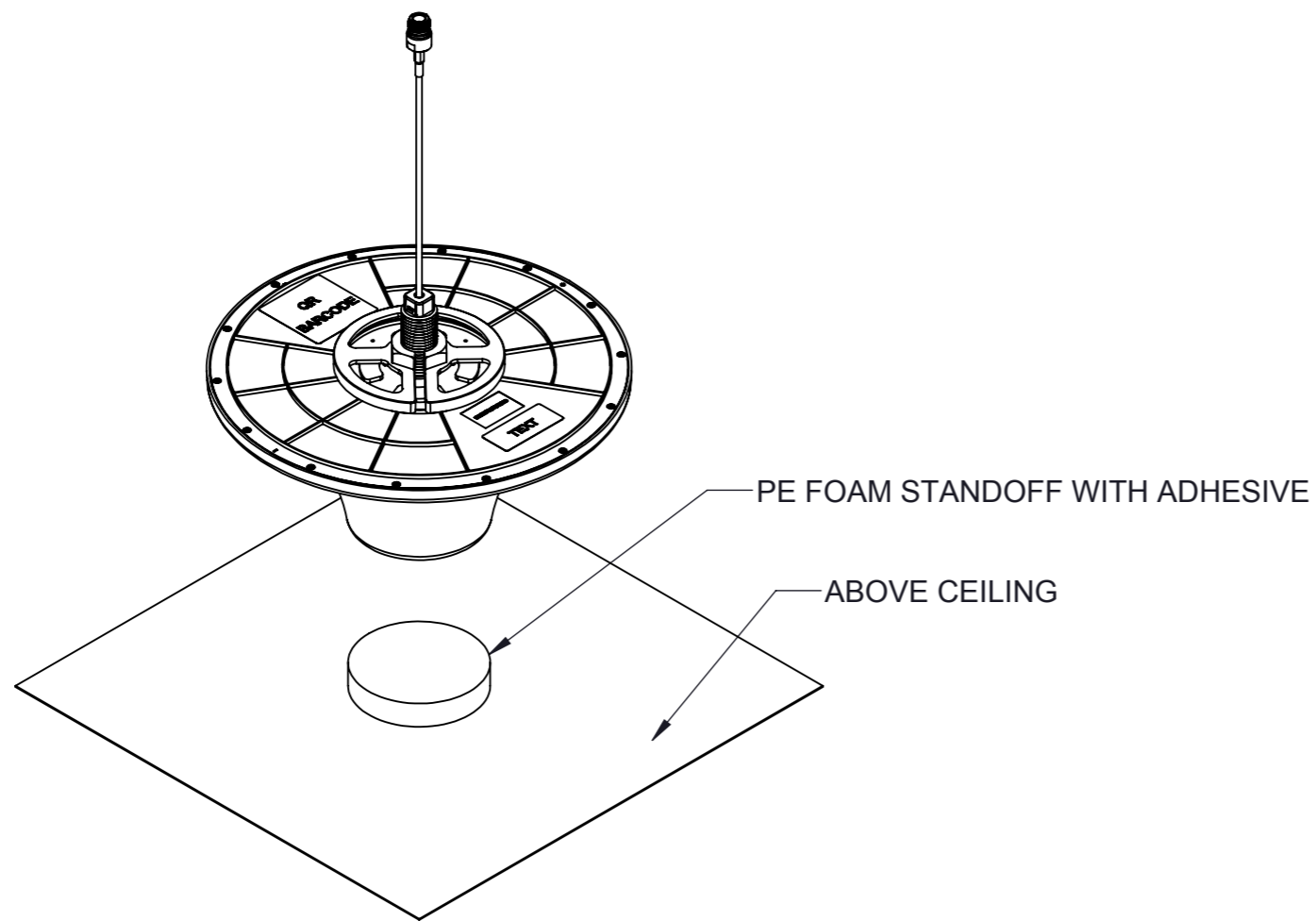
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**Optional Mounting**  
**Above Ceiling Mounting**  
**Part Number: HKIT-CMx-004**



NOTE: THESE OPTIONAL MOUNTING KITS **ARE NOT** INCLUDED WITH THE ANTENNA AND CAN BE PURCHASED SEPERATELY



IAS, PENANG  
MALAYSIA

SIZE <b>A3</b>	DWG. NO. <b>CMS38606P-30NFMO</b>	REV <b>F03</b>
SCALE: 1:5	PREVIOUS#	SHEET 3 OF 3

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