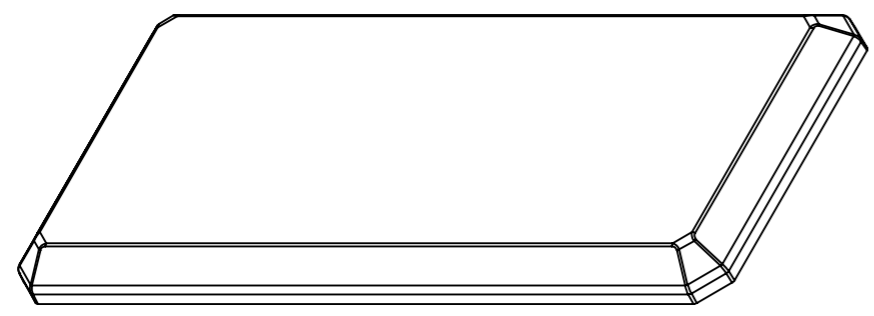
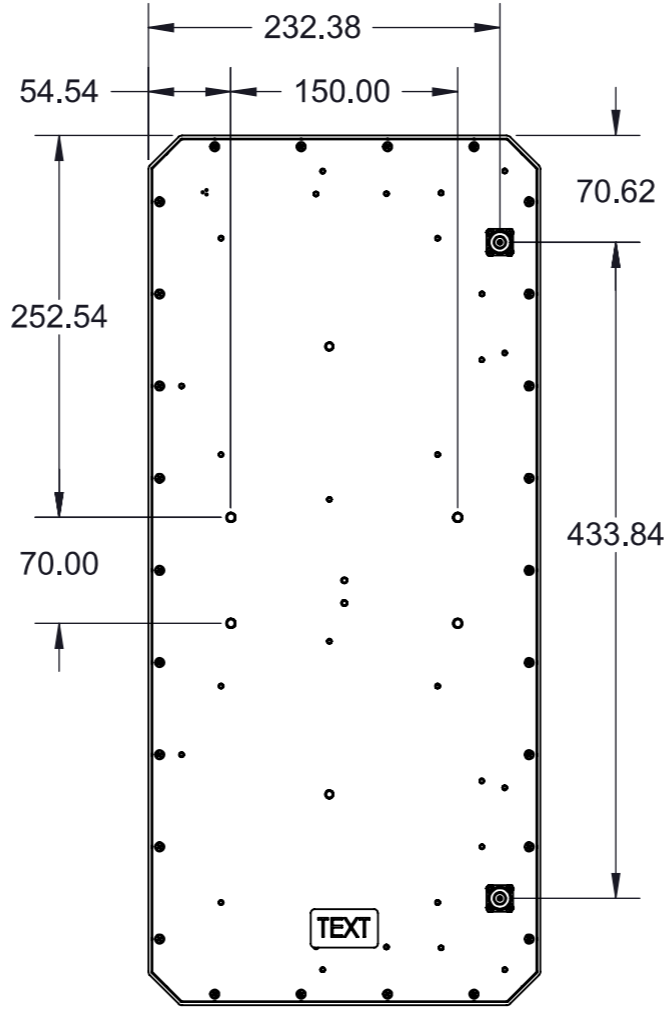
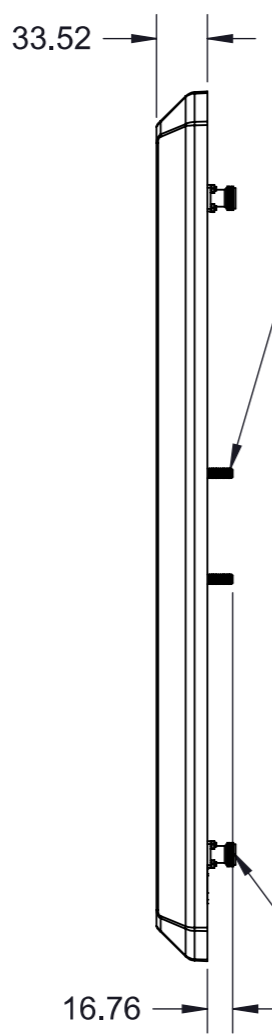
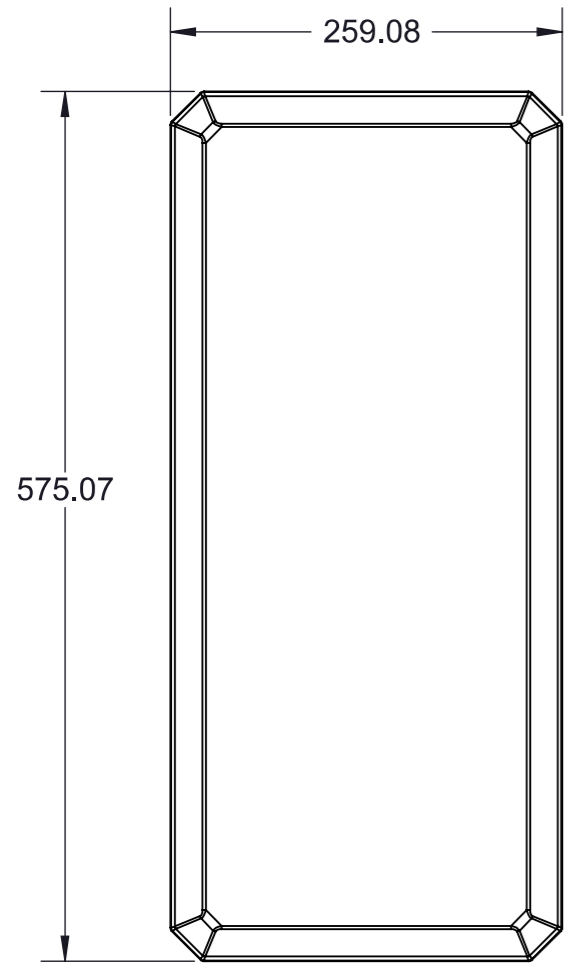


6 5 4 3 2 1

REVISIONS				
REV	DESCRIPTION	DATE	DWN	APVD
AA	INITIAL RELEASE	11AUG12	K.S	K.S
AA1	CHANGED TO TE FORMAT	16APR25	PCN	C HANG



4x, 1/4-20
STAINLESS
STEEL STUDS
MOUNTING
HARDWARE
SUPPLIED



Parameter	Performance
TE connectivity Part Number	PRL90209-FNF
Frequency	902-928MHz
Gain	6dBiL Max. / 9dBiC Max
Axial Ratio	1dB Typical
Nominal Impedance	50Ω
DC Resistance	DC Grounded
Polarization	1x Right Hand Circular / 1x Left Hand Circular
VSWR, Max	1.4:1
Horizontal 3dB Beamwidth	70°
Vertical 3dB Beamwidth	70°
Front-to-Back Ratio	20dB
Isolation	-37dB
RF Connector	2x, Type N, Female
Power	10W
Weight	4.2lbs (1.9kg)
RoHS	Compliant
Radome Material	UV Stable ASA, White
Ingression Protection Rating	IP67

2x, TYPE N,
FEMALE

MATERIAL: N/A	
FINISH: N/A	
APPROVALS	DATE
DRAWN BY: K. SEARL	11-08-12
PROJ. ENG.: T.PETROPOULOS	03-26-13
APPL. MECH.: S.JOHNSON	03-26-13
MFG.: B.THATCHER	03-26-13

THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
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/√



TITLE:
**PRL90209-FNF
MOUNTING & OUTLINE**

SIZE A3	DWG. NO. C-PRL90209-FNF	REV AA1
SCALE: 1:5	PREVIOUS#	SHEET 1 OF 1

6 5 4 3 2 1