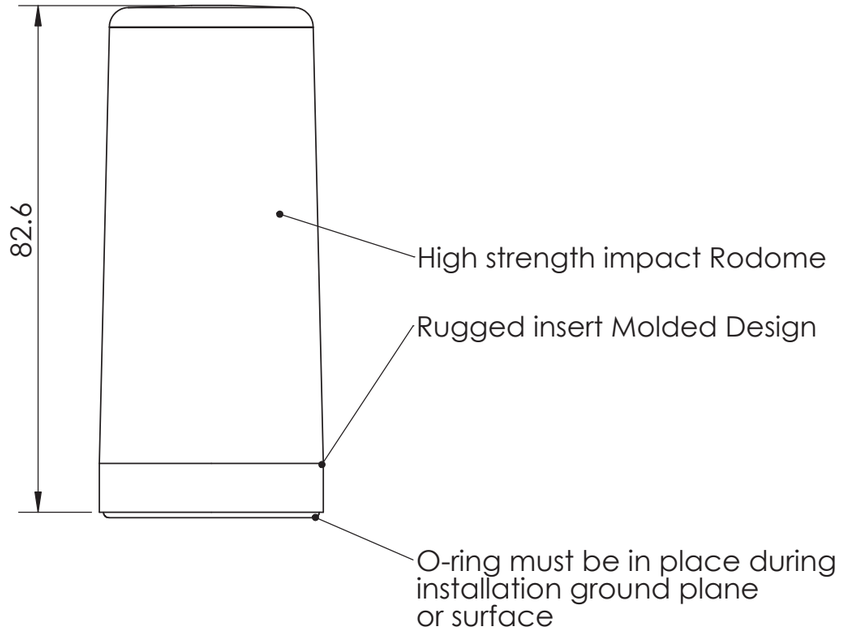
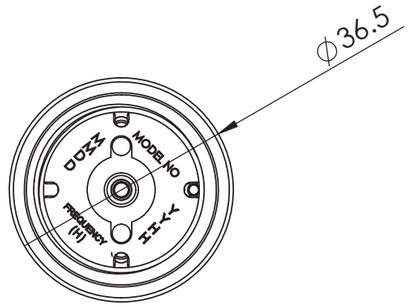
Electrical SPEC

Item	Model Number	Antenna Color	Frequency	VSWR	Gain (Typical)	Gain (Max)	Input Impedance	Polarization
1	UTRA4061S2NW-001	WHITE	406-440 MHz	<2.5:1	2.4 dBi	2.9 dBi	50 ohm	Vertical
2	UTRA4061S2NB-001	BLACK	406-440 MHz	<2.5:1	2.4 dBi	2.9 dBi	50 ohm	Vertical

*Tested on 2ft x 2ft Ground Plane

REVISIONS					
REV.	ECR#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
F01	ECN-IAS-03462	N/A	MO RELEASED	TPC 8 MAY 13	CYH 8 MAY 13





Parameter	Mechanical SPEC
Model Number	Refer to Config Table Below
Antenna Type	Shorted Monopole
Weight	163.3g
Mounting	NMO
Wind Survivol	282 km/h
Antenna Dimension	82.6(H)X36.5(Dia.)mm (Excludes Gasket Height)
Operating Temperature	-45°C ~ +85°C
Storage Temperature	-50°C ~ +85°C
Ingression Protection	IP67
Installation Torque	5.43~8.14 Nm

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MATERIAL: N/A

FINISH: N/A

APPROVALS		DATE
DRAWN BY	TP CHEE	8 MAY 13
ELEC. ENG.		
MECH. ENG.	TP CHEE	8 MAY 13
MFG./OPS.		

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

TE connectivity

TITLE:

MOUNTING & OUTLINE

SIZE	DWG. NO.	REV
A3	UTRA4061S2NMO	F01
SCALE: 1:2	PREVIOUS#	SHEET 1 OF 1

Unikeyic Electronics

Global Electronic Components Distributor

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TE Connectivity:

2-292161-3 3430B2F51RTDF 3631B101LL 936348-1 ROX05SJ18R SBCHE64R7K 2310537-1 650075-000 MPT100C18RF 1-794222-0 141991-2 2005330-1 2380312-2 917696-1 U5254-000005-030PA 2377783-2 SBCHE154R7K 1903112-2 CPF0402B37K4E1 1-962915-1 1393431-1 1969656-1 2834055-1 CRGCQ2010J3K3 TE50BR39J 1743455-2 175977-2 3-1393225-0 RH73H2A40MKTN SMW73R0JT