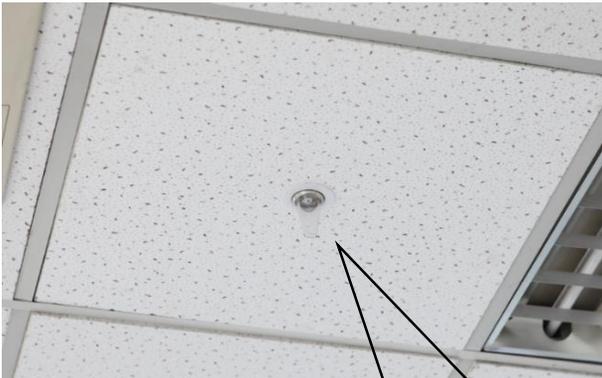## Frame
(P/N： ICEFIN-F)

Ground Plane
(P/N： ICEFIN-GP)

Features:

- 400mm diameter Aluminum ground plane
- White Plastic Frame
- M4x12 self tapping screws

Finished Appearance:

Applications:

- Ceiling tile mounting kit
- Applicable for Pulse antennas:
  - SLPTXXX
  - SLPTXXXW
  - ICEFINXXX

Issue: 1715

RoHS COMPLIANT

For more information:

Pulse Worldwide Headquarters	Pulse/Larsen Antennas	Europe Headquarters	Pulse (Suzhou) Wireless Products Co, Inc.
15255 Innovation Drive #100	18110 SE 34th St Bldg 2 Suite 250	Pulse GmbH & Do, KG	99 Huo Ju Road(#29 Bldg,4th Phase
San Diego, CA 92128	Vancouver, WA 98683	Zeppelinstrasse 15	Suzhou New District
USA	USA	Herrenberg, Germany	Jiangsu Province, Suzhou 215009 PR China
Tel:1-858-674-8100	Tel: 1-360-944-7551	Tel: 49 7032 7806 0	Tel: 86 512 6807 9998

PulseLARSEN
Antennas

Description: IceFin Mounting kit

Series: Accessory

PART NUMBER: ICEFIN-IB; ICEFIN-F; ICEFIN-GP

MECHANICAL SPECIFICATIONS

Weight:

ICEFIN-F	10 g
ICEFIN-GP	333.5 g
ICEFIN-IB	343.5 g

P.S.: ICEFIN-IB including 2pcs M4x12 Screws, 1pcs plastic frame and 1pcs Φ400mm Ground Plane.

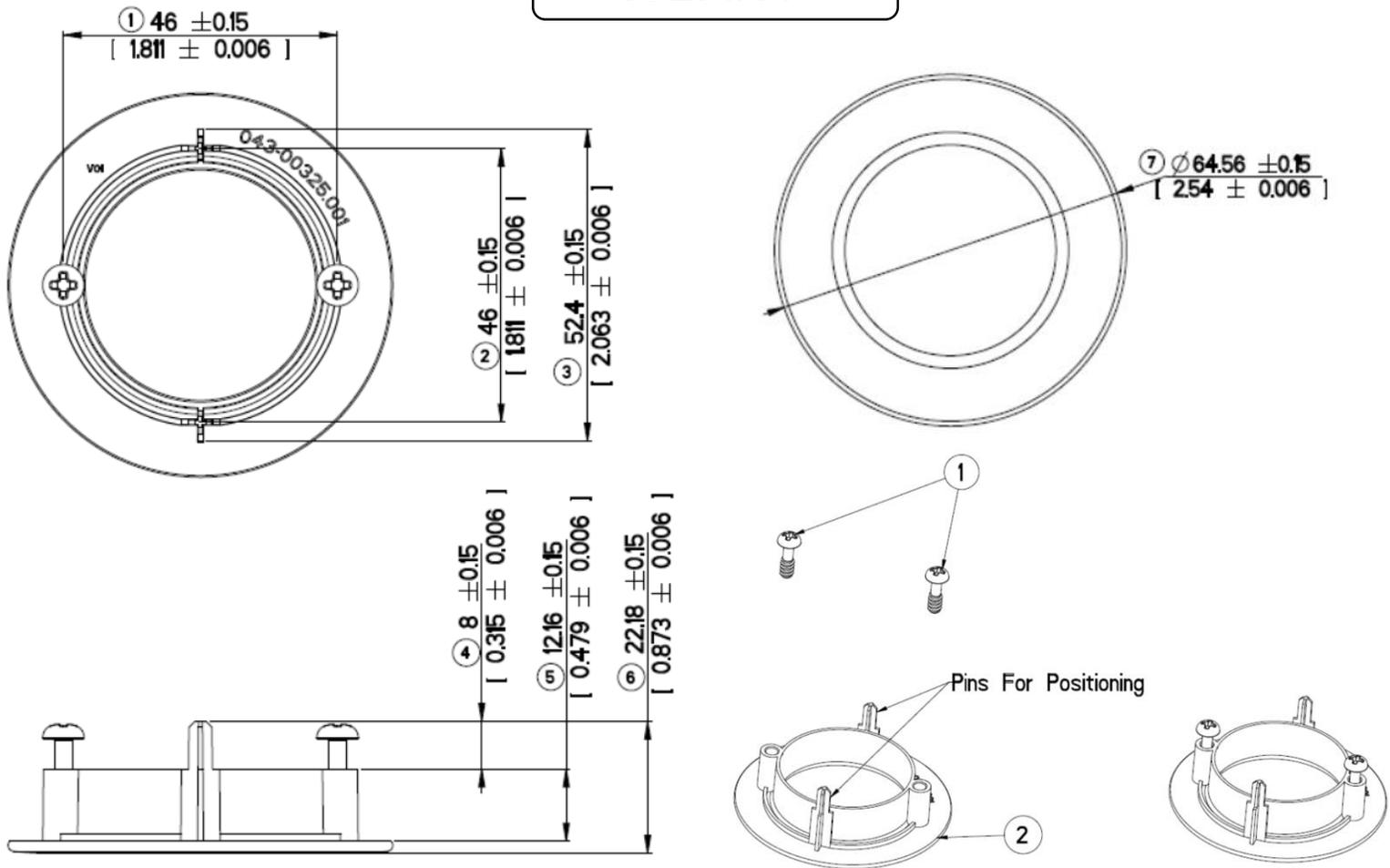**And ICEFIN-IB can also be sold separately as ICEFIN-F and ICEFIN-GP.**

ICEFIN-F

ICEFIN-GP

Accessary	Seperated P.N.	Parts
ICEFIN-IB	ICEFIN-F	2pcs M4x12 Self-Tapping Screws
		1pcs Plastic Frame
	ICEFIN-GP	1pcs Φ400x1mm Ground Plane

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40 ~ 85° C
Storage Temperature	-40 ~ 85° C
RoHS Compliant	Yes

Issue: 1715

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

RoHS COMPLIANT

PulseLARSEN Antennas

Series: Accessory

Description: IceFin Mounting kit

PART NUMBER: ICEFIN-IB; ICEFIN-F; ICEFIN-GP

MECHANICAL DRAWING

ICEFIN-F

Item	Description	Q'ty	Remark
1	Self-tapping Screw, M4X12	2	Pan Head, Philips drive
2	Plastic Frame	1	PC, White color

RoHS COMPLIANT

PulseLARSEN
Antennas

Description: IceFin Mounting kit

Series: Accessory

PART NUMBER: ICEFIN-IB; ICEFIN-F; ICEFIN-GP

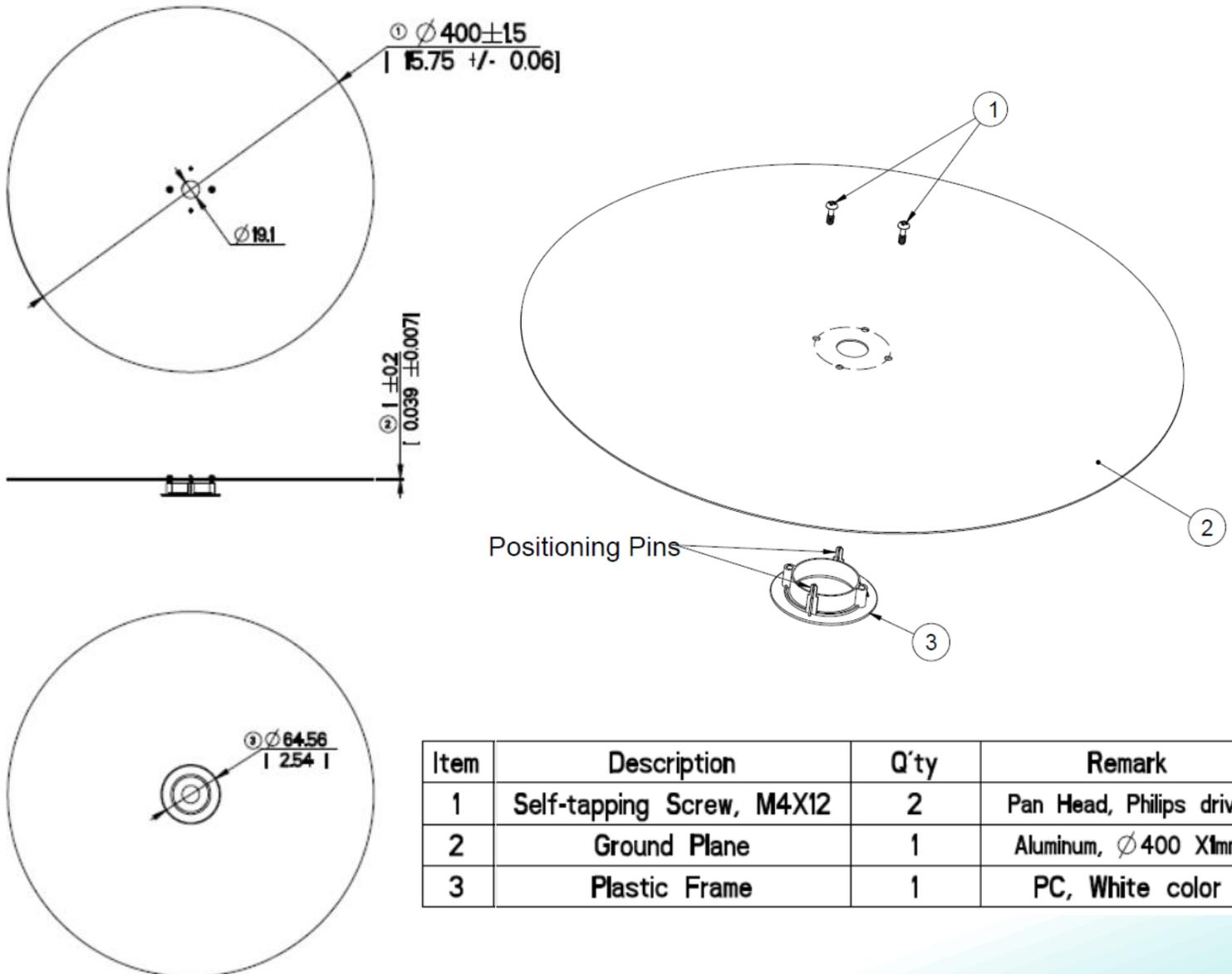## MECHANICAL DRAWING
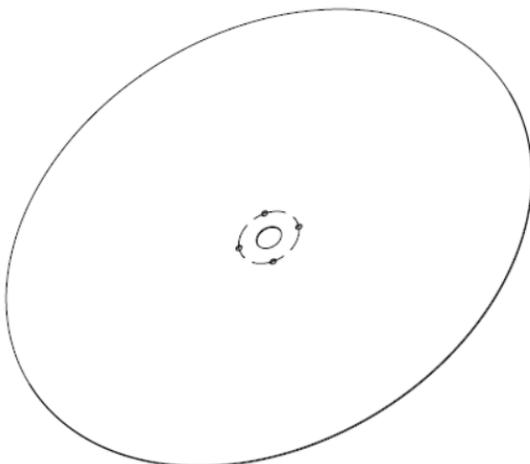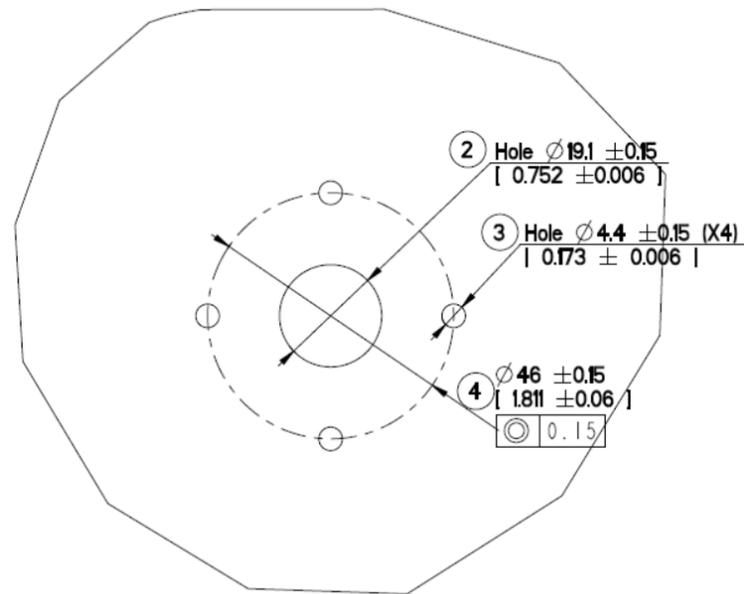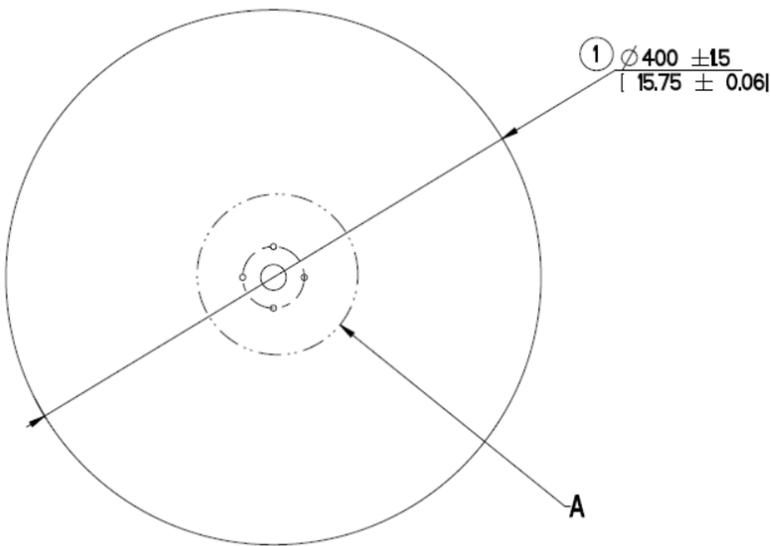
ICEFIN-GP

Notes:
1. Interpret this specification per Pulse PQ: 7.004.000 and standards referenced therein.
2. Material: 1mm thick Aluminum.
3. Flatness: 1.5mm max.
4. Avoid scratches, contamination.

RoHS COMPLIANT

MECHANICAL DRAWING

ICEFIN-IB

Positioning Pins

Item	Description	Q'ty	Remark
1	Self-tapping Screw, M4X12	2	Pan Head, Philips drive
2	Ground Plane	1	Aluminum, ∅400 X1mm
3	Plastic Frame	1	PC, White color

PulseLARSEN
Antennas

TECHNICAL DATA SHEET

Description: IceFin Mounting kit

Series: Accessory

PART NUMBER: ICEFIN-IB; ICEFIN-F; ICEFIN-GP

PACKAGING

ICEFIN-F: Each ICEFIN-F packed in a plastic "Zip" bag,
                200 plastic bags of ICEFIN-F packed in a carton

ICEFIN-GP: 20pcs / Carton

ICEFIN-IB: 20pcs / Carton

RoHS COMPLIANT

PulseLARSEN
Antennas

TECHNICAL DATA SHEET

Description: IceFin Mounting kit

Series: Accessory

PART NUMBER: ICEFIN-IB; ICEFIN-F; ICEFIN-GP

Installation Instruction

INSTALLATION:

This accessory is used to allow Pulse SLPTXXX (Black Version), SLPTXXXW (White Version) and ICEFINXXX (Clarity Version) antennas to be installed on the ceiling tile in building.
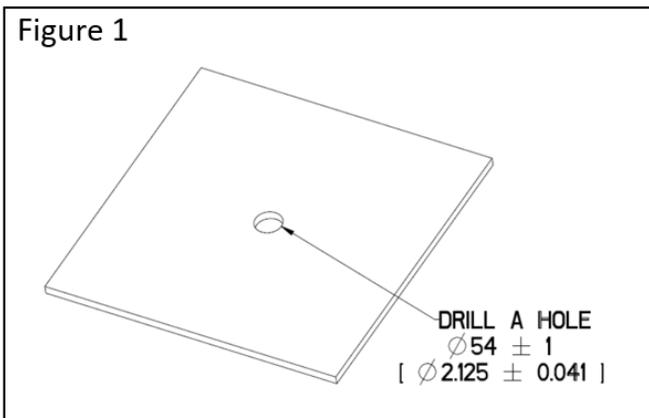

Issue: 1715

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RoHS COMPLIANT

PulseLARSEN Antennas

Description: IceFin Mounting kit

Series: Accessory

PART NUMBER: ICEFIN-IB; ICEFIN-F; ICEFIN-GP

Installation Instruction

Step 1,

Drill or cut out a Φ54mm+/-1mm [Φ2.125"+/-0.041"] hole in the ceiling tile for the installation.

See Figure 1.

Ceiling Tile thickness range:

12.7mm~ 17.5mm or 1/2"~ 11/16"

Figure 1

DRILL A HOLE
Ø54 ± 1
[Ø2.125 ± 0.041]

Figure 3

AFTER ASSEMBLY
VIEW ABOVE THE CEILING
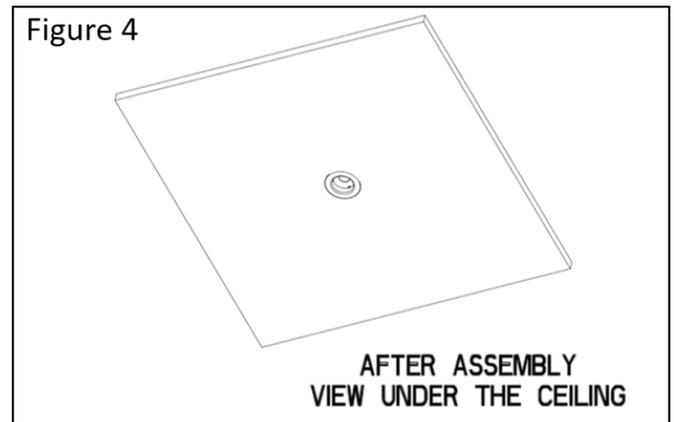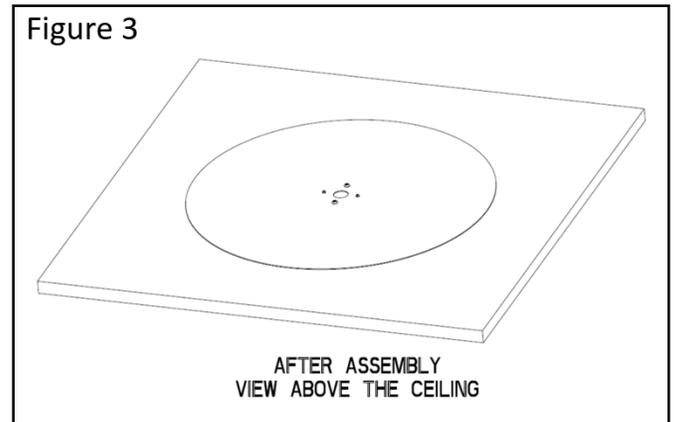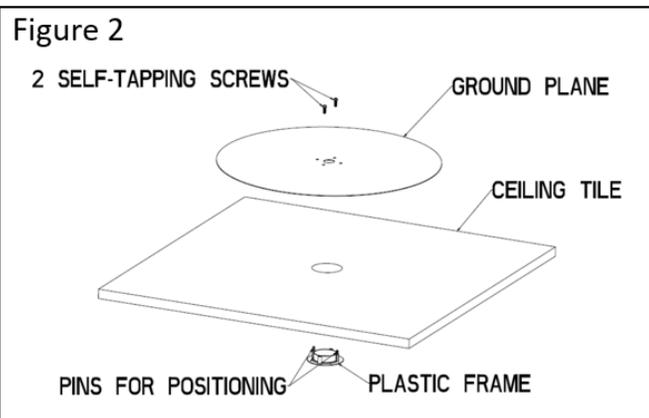
Figure 4

AFTER ASSEMBLY
VIEW UNDER THE CEILING

Step 2,

Assemble the ICEFIN-IB accessory on the ceiling tile by tightening the screws until snug.

See Figure 2, 3 and 4.

Screw Driver type: PHILIPS DRIVE

Figure 2

2 SELF-TAPPING SCREWS
GROUND PLANE
CEILING TILE
PINS FOR POSITIONING
PLASTIC FRAME

ICEFIN-IB including 2pcs M4x12 Screws, 1pcs plastic frame and 1pcs Φ400mm Ground Plane.

And ICEFIN-IB can also be sold separately as ICEFIN-F and ICEFIN-GP.

Accessary	Seperated P.N.	Parts
ICEFIN-IB	ICEFIN-F	2pcs M4x12 Self-Tapping Screws
		1pcs Plastic Frame
	ICEFIN-GP	1pcs Φ400x1mm Ground Plane