Iridium Patch Antenna

APAE1621R2540ABDD1-T

RoHS/ RoHS II compliant

25.0 x 25.0 x 4.0mm

MSL level: Not Applicable

FEATURES:

- High Gain
- Compact Size and Low profile
- Pin with Tape Mount
- Customization Available
- RoHS Compliance

TYPICAL APPLICATIONS:

- Global Mobile Satellite Voice and Data
- Iridium Global Calls

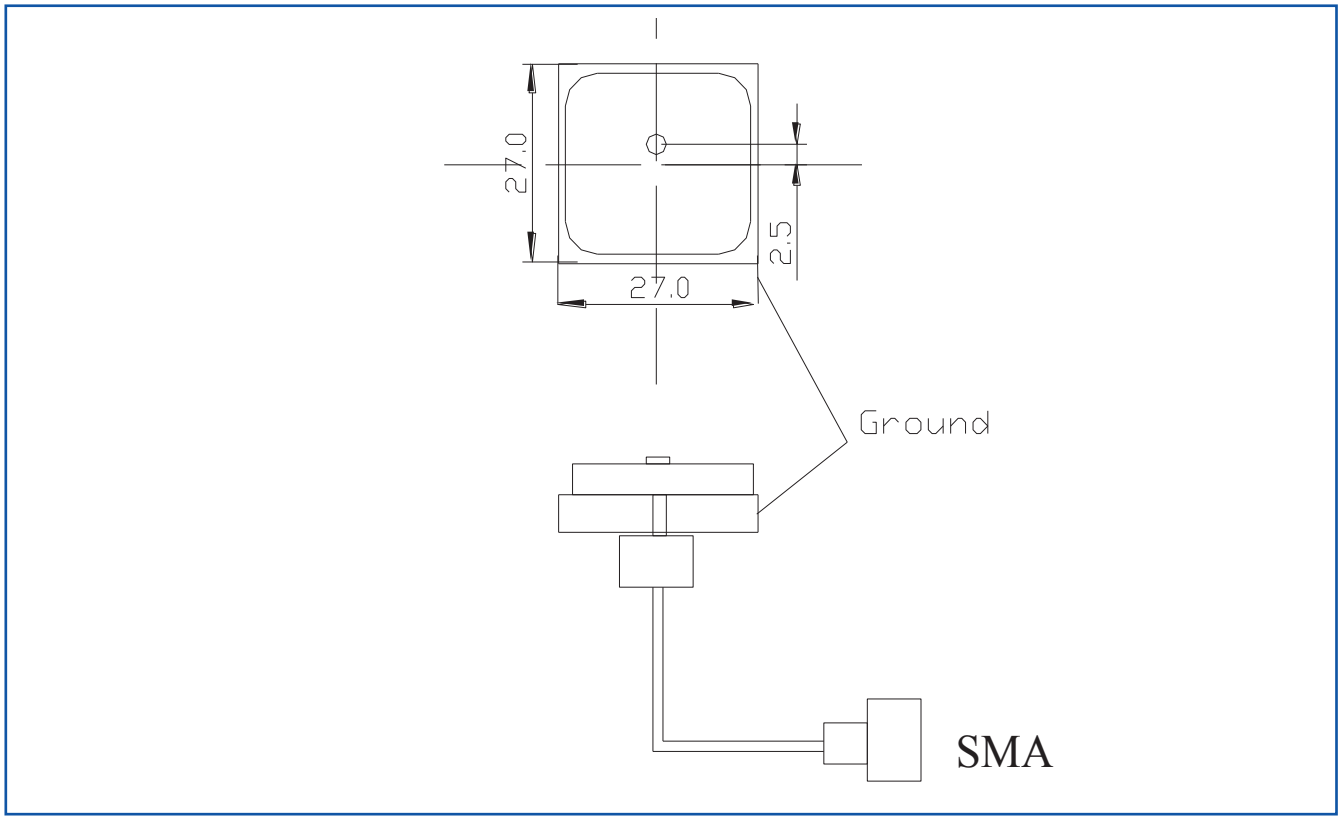
STANDARD SPECIFICATIONS:

Parameters	Min.	Typ.	Max.	Units	Note
Center Frequency		1621±3.0		MHz	(Without adhesive tape on 27x27mm ground plane)
-10dB Bandwidth	9			MHz	
VSWR			1.5		(@ Center Frequency)
Gain		4		dBic	(@ Zenith, typical on 70*70mm ground plane)
Impedance		50		Ω	
Polarization Model		RHCP			(Right Hand Circular Polarization)
Frequency Temperature Coefficient			20	ppm/℃	

Test Conditions and Test Setup:

Parts shall be measured under a condition (Temp.: 20±15°C, Humidity: 65±20% R.H.)

TEST JIG:



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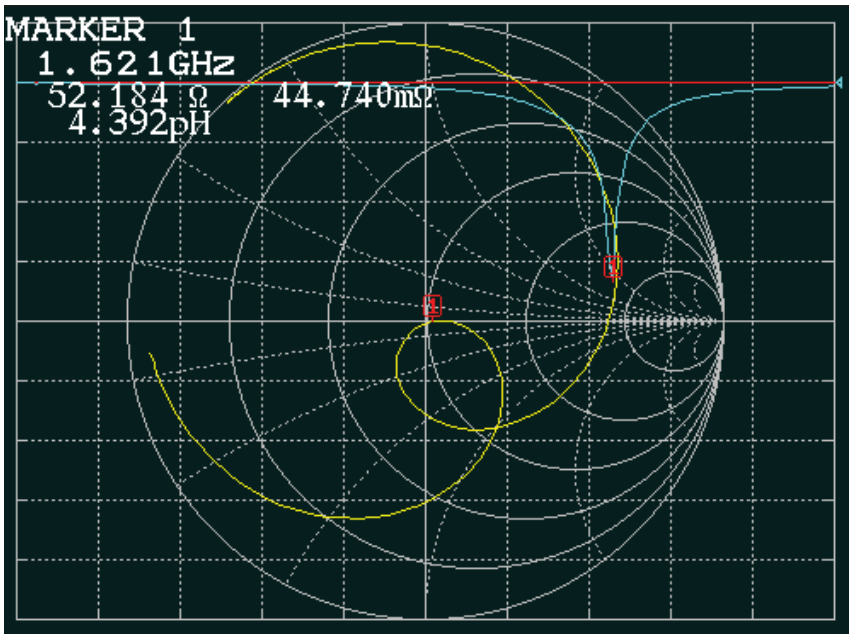
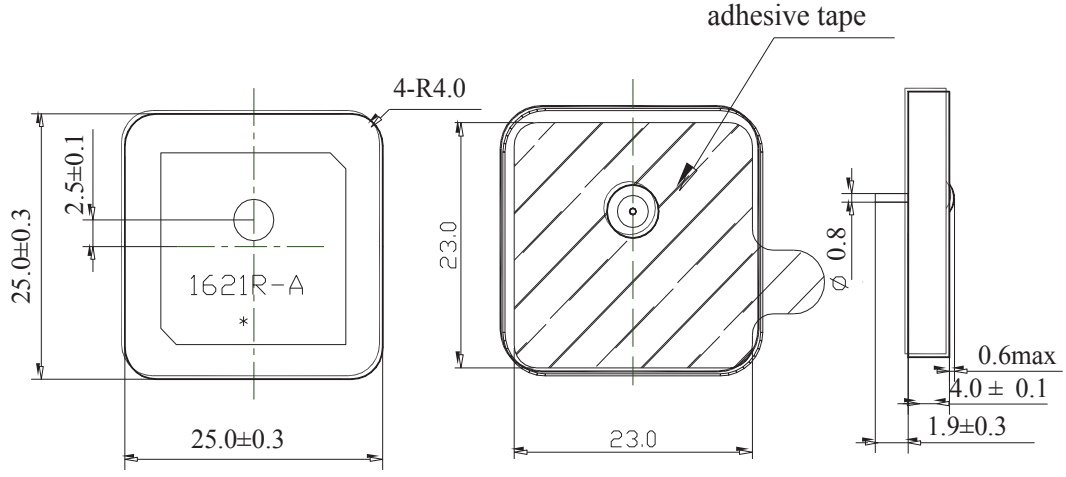
IMPEDANCE CHARACTERISTICS



Tested on 27x27mm GND Plane

OUTLINE DRAWING:



Dimension: mm

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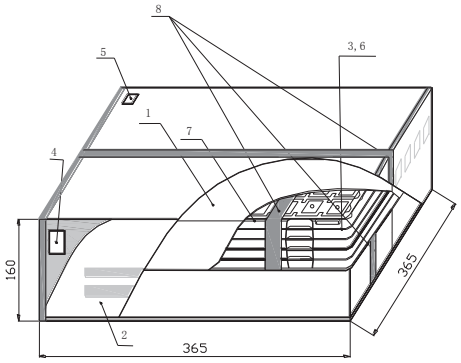
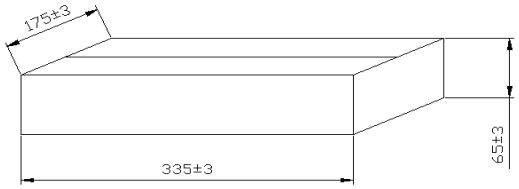
PACKAGING:

"T" is for a vacuum sealed tray containing 50 units. Each vacuum bag contains 5 trays.
1000 pieces is the suggested quantity containing -20 trays with 50-pcs per Tray.

NOTE: This product is vacuum packaged to reduce the possibility of oxidation and/or contamination during storage.



NO.	Name
1	Inner Box
2	Package
3	Vacuum Bag
4	Certificate of approval
5	Label
6	Cushion
7	Tray
8	Adhesive tape



Inner box Dimensions

CAUTION:

(1) Do not apply excess mechanical stress to the component body or terminations. Do not attempt to re-form or bend the components as this will cause damage to the component.
(2) Do not expose the component to open flame.
(3) This specification applies to the functionality of the component as a single unit. Please insure the component is thoroughly evaluated in the application circuit.

NOTE:

1) The parts are manufactured in accordance with this specification. If other conditions and specifications which are required for this specification, please contact ABRACON for more information.
2) ABRACON will supply the parts in accordance with this specification unless we receive a written request to modify prior to an order placement.
3) In no case shall ABRACON be liable for any product failure from in appropriate handling or operation of the item beyond the scope of this specification.
4) When changing your production process, please notify ABRACON immediately.
5) ABRACON Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. ABRACON's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from ABRACON Corporation is required. Please contact ABRACON Corporation for more information.
6) All specifications and Marking will be subject to change without notice.

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Данный компонент на территории Российской Федерации

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http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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