

ERF4079, Multi Purpose SMD antenna

Features

Electrical Properties Parameter:	Description
Frequency Band:	1575 / 2400 ~ 2480 MHz
Nominal Impedance:	50 Ω
Polarization:	Linear
V.S.W.R:	< 2.0
Gain:	0 dBi @1575 MHz
	1.5 dBi @2400 ~ 2480MHz



Mechanical Properties

Parameter:	Description
Antenna Type:	Internal antenna
Connector Type:	SMD
Antenna Dimensions:	1.6 * 7 mm ± 0.1
Operating Temperature Range:	-40°C~+85°C
Storage Temperature Range:	-40°C~+85°C

Typical applications

- M2M
- Wi-Fi
- BLE
- GPS / GLONASS

Description

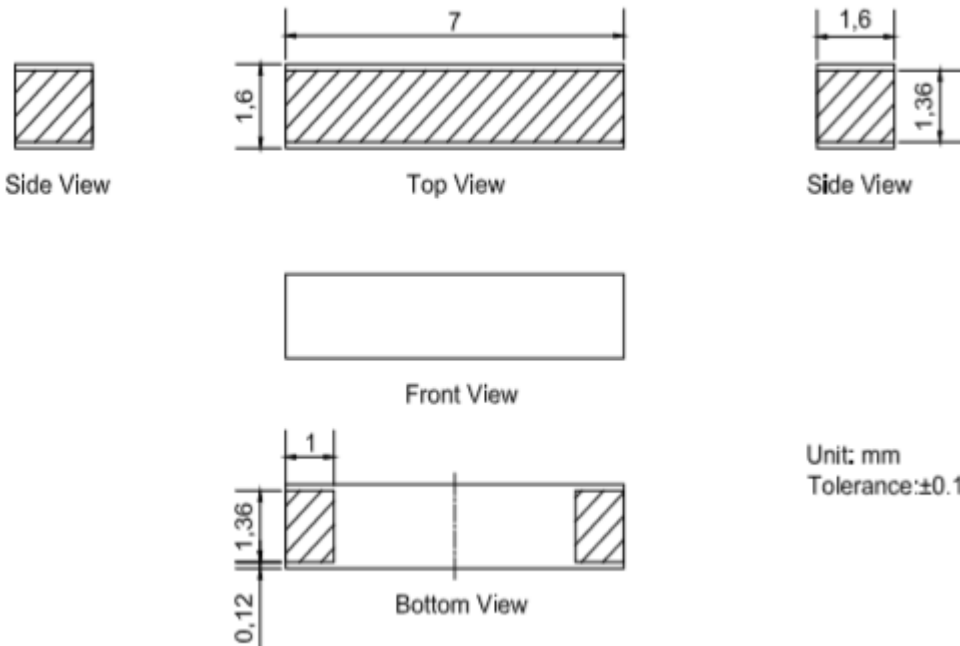
The ERF4079 antenna is an internal multipurpose SMD antenna. The antenna requires a ground plane of 20 x 30 mm. also it is recommended to use a matching filter to tune the performance of the antenna.

The antenna can be used for applications such as, M2M, Wi-Fi, Bluetooth and GPS / GLONASS.

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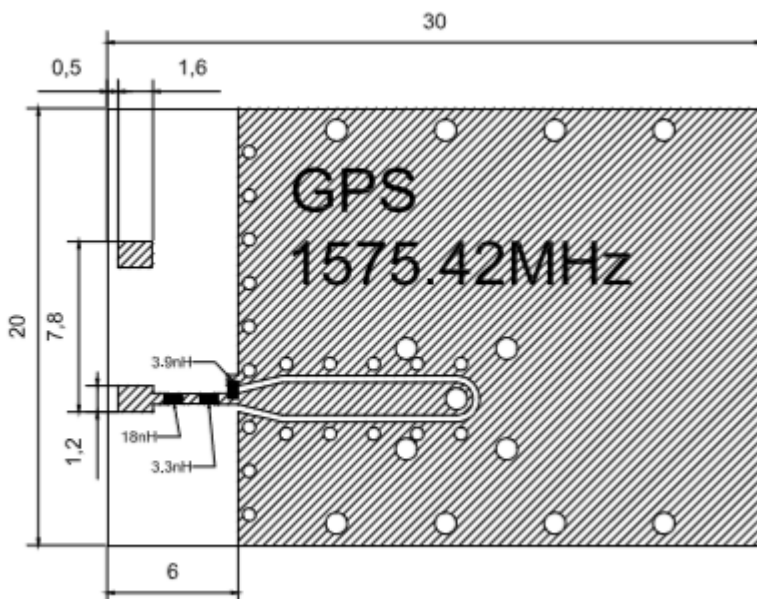
Dimensions

*unit: mm

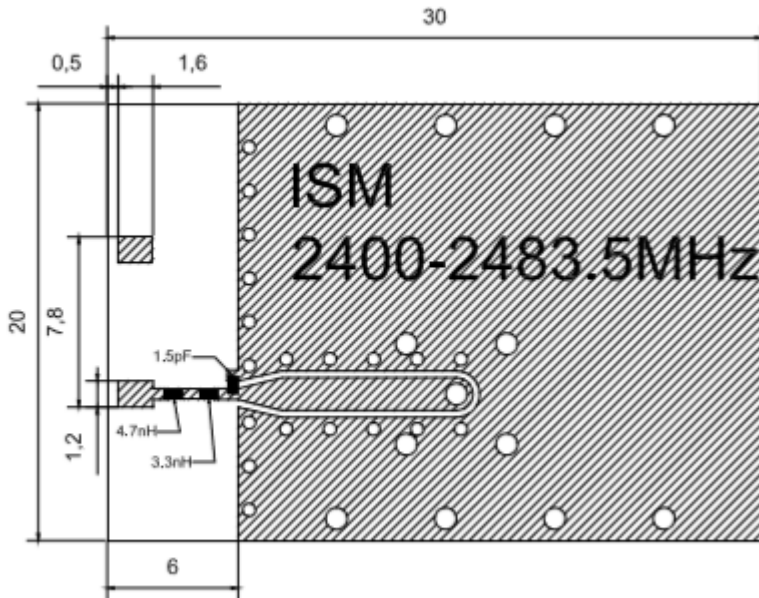


Recommended PCB Layout

*unit: mm



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**Ordering information**

Ordering can be done via www.summit-electronics.com or via info@summit-electronics.com. Please contact us for more information. Customisation of the product is available on request.

Technical support

For all product questions please contact us via info@summit-electronics.com