

ERF4081, GPS SMD antenna

Features

Electrical Properties Parameter:	Description
Frequency Band:	1575 ± 10 MHz
Nominal Impedance:	50 Ω
Polarization:	Linear
V.S.W.R:	< 2.0
Gain:	2.2 dBi @1575 MHz



Mechanical Properties

Parameter:	Description
Antenna Type:	Internal antenna
Connector Type:	SMD
Antenna Dimensions:	1.6 * 3.2 mm ± 0.1
Operating Temperature Range:	-40°C~+85°C
Storage Temperature Range:	-35°C~+80°C

Typical applications

- M2M
- GPS
- GLONASS

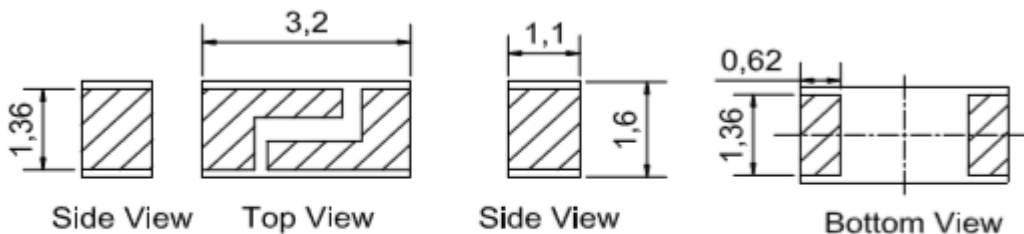
Description

The ERF4081 antenna is an internal GPS SMD antenna. The antenna requires a ground plane of 4 x 4.25 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, GPS and GLONASS.

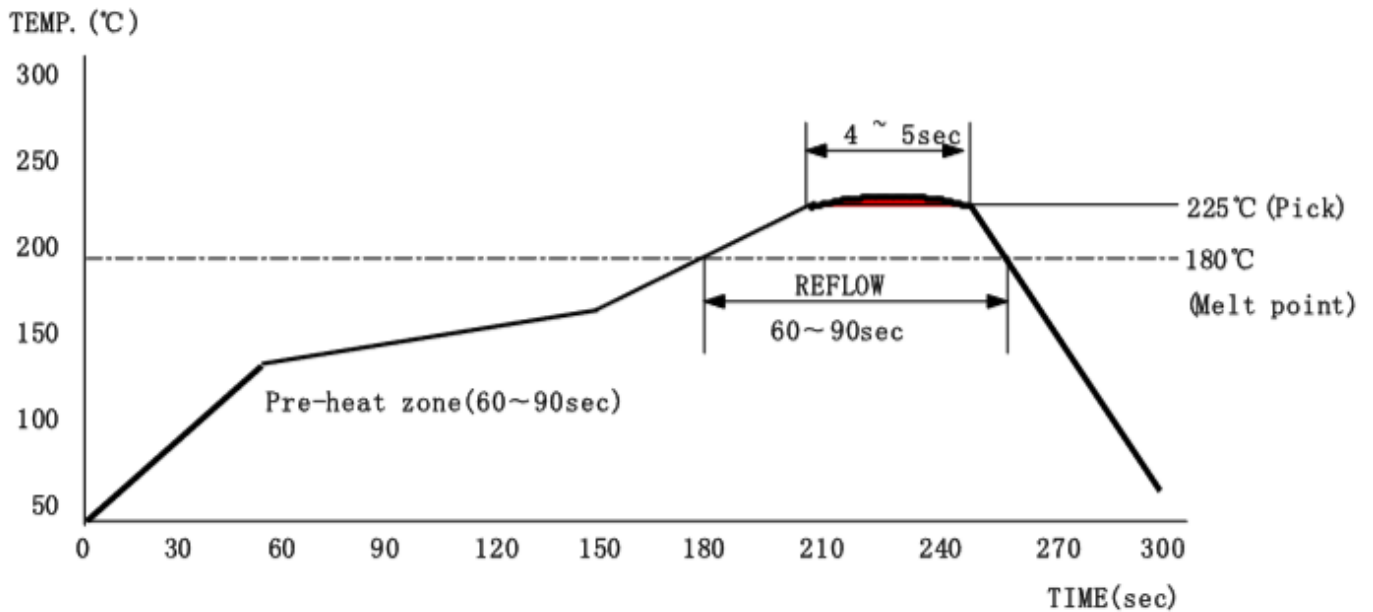
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Dimensions



Unit: mm
Tolerance:±0.1

Reflow Soldering condition:



About easyRF

easyRF is supplier and manufacturer of wireless communication solutions with an easy-to-use approach, targeting different applications and markets. The products are standard off-the-shelf products, but customization of the products is possible.

easyRF is successful in the a wide range of markets, such as: industrial, agriculture, security, building automation.

Ordering information

Please check www.easyrf.eu for distributors in your area or contact us at info@easyrf.eu for more information. Other frequencies are available on request.

Technical support

For all product questions please contact us via info@easyrf.eu