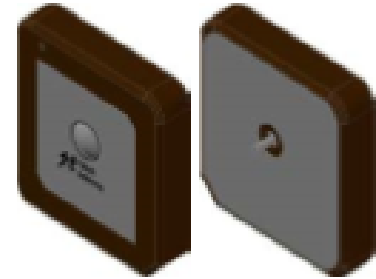


ERF4085, Ceramic SMD GPS antenna

**Features**

Electrical Properties Parameter:	Description
Frequency Band:	1575 ± 3 MHz
Nominal Impedance:	50 Ω
Polarization:	RHCP
V.S.W.R:	< 2.0
Gain:	1.0 dBi



**Mechanical Properties**

Parameter:	Description
Antenna Type:	Internal antenna
Connector Type:	SMD
Antenna Dimensions:	18 * 18 * 4 mm ± 0.2
Operating Temperature Range:	-40°C~+85°C
Storage Temperature Range:	-40°C~+85°C

**Typical applications**

- M2M
- GPS
- GLONASS

**Description**

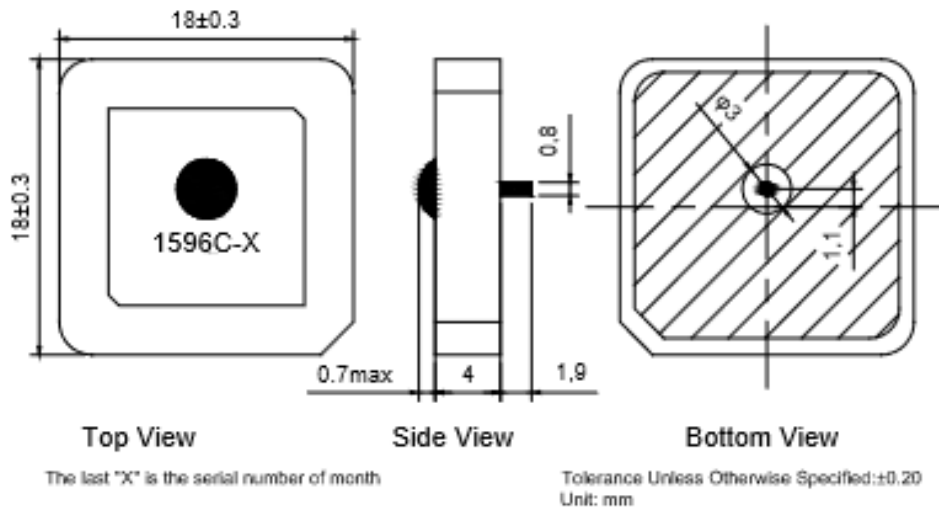
The ERF4085 antenna is an internal SMD GPS antenna. The antenna requires a ground plane of 18 x 18 mm. also it is recommended to use a matching filter to tune the performance of the antenna.

The antenna can be used for applications such as, M2M, GPS and GLONASS.

ERF4085, Ceramic SMD GPS antenna

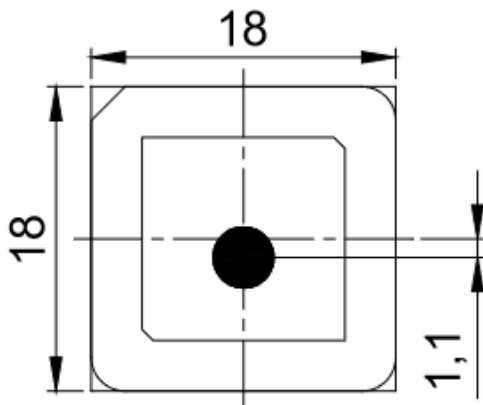
**Dimensions**

\*unit : mm



**Test Setup**

\*unit : mm



**Ordering information**

Ordering can be done via [www.summit-electronics.com](http://www.summit-electronics.com) or via [info@summit-electronics.com](mailto: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](mailto:info@summit-electronics.com)