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Part Number: [2088900001](#)
Status: **Active**
Overview: [GNSS/GPS Antennas](#)
Description: Ceramic GPS Patch Antenna

Documents:

| | |
|---|---|
| 3D Model | Application Specification 2088900001-AS (PDF) |
| 3D Model (PDF) | Packaging Specification 2088900001-PK (PDF) |
| Drawing (PDF) | Datasheet (PDF) |
| Product Specification 2088900001-PS (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|----------------|-----------------------------------|
| Product Family | Antennas |
| Series | 208890 |
| Component Type | Surface Mount Device Antenna |
| Function | Signal |
| Overview | GNSS/GPS Antennas |
| Product Name | Ceramic GPS Patch Antenna |
| Protocol | GPS |
| Type | GPS Antenna |
| UPC | 191130072408 |

Physical

| | |
|-------------------|-----------------------|
| Cable Length | N/A |
| Length | 18.00mm |
| Mounting Style | Surface Mount |
| Net Weight | 3.365/g |
| Packaging Type | Tray |
| Polarization | Right Handed Circular |
| Radiation Pattern | Omnidirectional |
| Thickness | 2.00mm |
| Width | 18.00mm |

Electrical

| | |
|-------------------------|-----------------|
| Band#1 F_End (MHz) | 1576 |
| Band#1 F_Start (MHz) | 1575.42 |
| Electrical Connectivity | SMD |
| Peak Gain (dBi) | 2.6 @ 1575 MHz |
| Return Loss - S11 (dB) | < -15 |
| Total Efficiency | >45% @ 1575 MHz |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|---------------|
| Application Specification | 2088900001-AS |
| Packaging Specification | 2088900001-PK |
| Product Specification | 2088900001-PS |
| Sales Drawing | 2088900001-SD |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[208890 Series](#)