

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

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

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2088900001-AS (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 2088900001-PK (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2088900001-PS (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	<a href="#">208890</a>
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	<a href="#">GNSS/GPS Antennas</a>
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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 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](#)

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