

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Documents:

Drawing (PDF)	Packaging Specification 2088900001-PK (PDF)
Product Specification 2088900001-PS (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 2088900001-AS (PDF)	Product Literature (PDF)

General

Product Family	Antennas
Series	208890
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	GNSS/GPS Antennas
Product Literature Order No	987651-5071
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
-ED/88/2018 (15
January 2019)

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](#)