



Part Number : [2088900001](#)
Product Description : Ceramic GPS Patch Antenna
Series Number : 208890
Status : Active
Product Category : Antennas



Documents and Resources

Drawings

[2088900001_sd.pdf](#)

[2088900001-PK.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[2088900001-AS.pdf](#)

[2088900001-PS.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Antennas
Series	208890
Description	Ceramic GPS Patch Antenna
Component Type	Surface Mount Device Antenna
Function	Signal
Product Name	Ceramic GPS Patch Antenna
Protocol	GPS
Type	GPS Antenna, Internal
UPC	191130072408

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

Physical

Cable Length	N/A
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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