



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



Documents & Resources

Drawings  
[2088900001\\_sd.pdf](#)  
[2088900001-PK.pdf](#)

3D Models and Design Files  
[2088900001\\_stp.zip](#)

Specifications  
[2088900001-AS.pdf](#)  
[2088900001-PS.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC  
- Low-Halogen

Multiple Part Industry Compliance Documents  
- IPC 1752A Class C  
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### 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
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
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This document was generated on Apr 15, 2025