



Part Number : [2084850001](#)
Product Description : 600MHz-4000MHz Ceramic
Antenna, Low-profile, SMT
Series Number : 208485
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

- [2084850001_sd.pdf](#)
- [2084850001-PK.pdf](#)

3D Models and Design Files

- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [2084850001-AS.pdf](#)
- [2084850001-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(2024)7663-DC (21 Jan 2025)
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	208485
Description	600MHz-4000MHz Ceramic Antenna, Low-profile, SMT
Component Type	Surface Mount Device Antenna
Function	Signal
Product Name	600-4000MHz Ceramic Antenna
Protocol	Cellular
Type	Cellular Antenna, Internal, LPWAN
UPC	191130138272

Electrical

Band#1 F_End (MHz)	894
Band#1 F_Start (MHz)	617
Band#2 F_End (MHz)	2690
Band#2 F_Start (MHz)	1710
Band#3 F_End (MHz)	3800
Band#3 F_Start (MHz)	3300
Electrical Connectivity	SMD
Peak Gain (dBi)	1.6 @ 617 MHz, 3.6 @ 3.3 GHz, 4.7 @ 1710 MHz

Return Loss - S11 (dB)	< -4, < -6
Total Efficiency	>65% @ 1710 MHz, >65% @ 3.3 GHz, >70% @ 617 MHz

Physical

Cable Length	N/A
Length	38.00mm
Mounting Style	Surface Mount
Net Weight	3.548/g
Packaging Type	Embossed Tape on Reel
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	3.00mm
Width	8.00mm

This document was generated on Sep 17, 2025