



Part Number : [2066490001](#)
Product Description : 698MHz-960MHz
Cellular Ceramic Antenna, Low-profile, SMT
Series Number : 206649
Status : Active
Product Category : Antennas



Documents & Resources


Drawings
[2066490001_sd.pdf](#)
[2066490001-PK.pdf](#)

3D Models and Design Files
[2066490001_stp.zip](#)

Specifications
[2066490001-AS.pdf](#)
[2066490001-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

Part Details

General

Status	Active
Category	Antennas
Series	206649
Description	698MHz-960MHz Cellular Ceramic Antenna, Low-profile, SMT
Component Type	Surface Mount Device Antenna
Function	Signal
Product Name	698-960MHz Ceramic SMT Antenna
Protocol	Cellular
Type	Cellular Antenna, Internal, LPWAN
UPC	191128861243

Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	698
Electrical Connectivity	SMD
Peak Gain (dBi)	0.5 @ 698 MHz, 0.8 @ 791 MHz, 0.9 @ 698 MHz, 1.1 @ 824 MHz
Return Loss - S11 (dB)	< -4, < -5, < -6, < -7
Total Efficiency	50% @ 698 MHz, 50% @ 791 MHz, 55% @ 698 MHz, 55% @ 824 MHz

Physical

Cable Length	N/A
Length	20.00mm
Mounting Style	Surface Mount
Net Weight	0.712/g
Packaging Type	Embossed Tape on Reel
Polarization	Linear

Radiation Pattern	Omnidirectional
Thickness	1.20mm
Width	10.00mm

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