

Part Number : [2047740001](#)

Product Description : Cellular 790-2700MHz Penta-band Ceramic Antenna

Series Number : 204774

Status : Active

Product Category : Antennas



Documents and Resources

Drawings

[2047740001_sd.pdf](#)

[2047740001-PK.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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


Specifications

[2047740001-AS.pdf](#)

[2047740001-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	204774
Description	Cellular 790-2700MHz Penta-band Ceramic Antenna
Component Type	Surface Mount Device Antenna
Function	Signal
Product Name	Cellular Penta-band Ceramic
Protocol	Cellular
Type	Cellular Antenna, Internal, LPWAN
UPC	191128391221

Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	790
Band#2 F_End (MHz)	2700
Band#2 F_Start (MHz)	1710
Electrical Connectivity	SMD
Peak Gain (dBi)	0.6 @ 790 MHz, 4.8 @ 1710 MHz
Return Loss - S11 (dB)	< -6
Total Efficiency	>50% @ 790 MHz, >70% @ 1710

	MHz
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Physical

Cable Length	N/A
Length	33.00mm
Mounting Style	Surface Mount
Net Weight	2.150/g
Packaging Type	Embossed Tape on Reel
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	3.00mm
Width	6.00mm

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