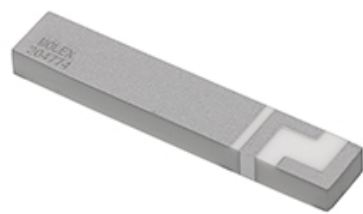




Part Number : [2047740001](#)
Product Description : Cellular 790-2700MHz
Penta-band Ceramic Antenna
Series Number : 204774
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

[Drawing 2047740001_sd.pdf](#)
[Packaging Design Drawing 2047740001-PK.pdf](#)

3D Models and Design Files

[3D Model 2047740001_stp.zip](#)
[3D Model PDF 2047740001.pdf](#)

Specifications

[Application Specification 2047740001-AS.pdf](#)
[Product Specification 2047740001-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(2023)3788-DC (14 Jun 2023)
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	204774
Description	Cellular 790-2700MHz Penta-band Ceramic Antenna
Component Type	Surface Mount Device Antenna
Function	Signal
Product Family	LTE Cellular Antennas
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

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

This document was generated on Sep 03, 2023