

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2066490001](#)
Status: **Active**
Overview: [LTE Cellular Antennas](#)
Description: 698MHz-960MHz Cellular Ceramic Antenna, Low-profile, SMT

Documents:

3D Model	Application Specification 2066490001-AS (PDF)
Drawing (PDF)	Packaging Specification 2066490001-PK (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 2066490001-PS (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	206649
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	LTE Cellular Antennas
Product Name	698-960MHz Ceramic SMT Antenna
Protocol	Cellular
Taxonomy	Antennas
Type	Cellular Antenna, LPWAN
UPC	191128861243

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

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

Material Info

Reference - Drawing Numbers

Application Specification	2066490001-AS
Packaging Specification	2066490001-PK
Product Specification	2066490001-PS
Sales Drawing	2066490001-SD



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series
[206649 Series](#)