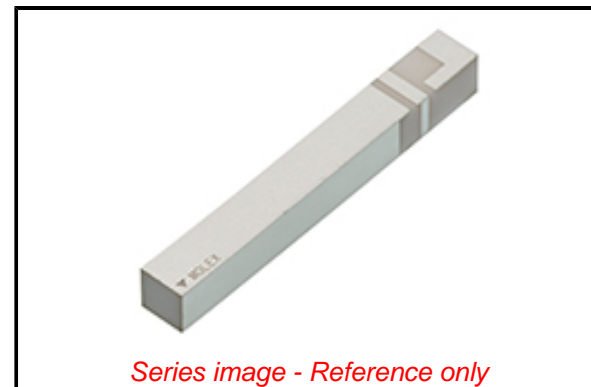


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1462000001](#)
Status: **Active**
Overview: [LTE Cellular Antennas](#)
Description: 698MHz-2.7GHz Cellular Ceramic Antenna, SMT

Documents:

3D Model	Application Specification 1462000001-AS (PDF)
Drawing (PDF)	Packaging Specification 1462000001-PK (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 1462000001-PS (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	146200
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	LTE Cellular Antennas
Product Name	Full LTE SMT Antenna
Protocol	Cellular
Type	Cellular Antenna, LPWAN
UPC	889056789929

Physical

Cable Length	N/A
Length	40.00mm
Mounting Style	Surface Mount
Net Weight	3.812/g
Packaging Type	Embossed Tape on Reel
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	5.00mm
Width	5.00mm

Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	698
Band#2 F_End (MHz)	2700
Band#2 F_Start (MHz)	1710
Electrical Connectivity	SMD
Peak Gain (dBi)	0.2 @ 698 MHz, 3.8 @ 1710 MHz
Return Loss - S11 (dB)	< -4, < -5
Total Efficiency	>40% @ 698 MHz, >60% @ 1710 MHz

Material Info

Reference - Drawing Numbers

Application Specification	1462000001-AS
Packaging Specification	1462000001-PK
Product Specification	1462000001-PS
Sales Drawing	1462000001-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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

[146200 Series](#)