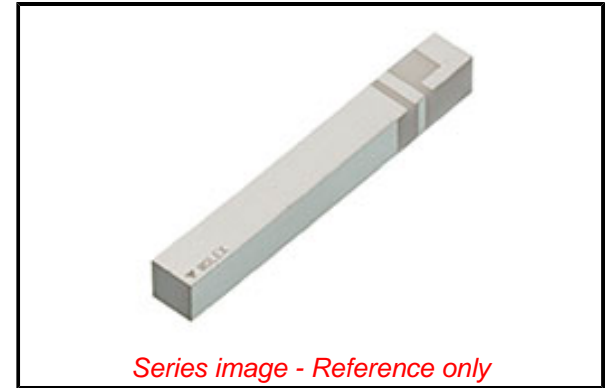


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

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

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 1462000001-AS (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 1462000001-PK (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 1462000001-PS (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	<a href="#">146200</a>
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	<a href="#">LTE Cellular Antennas</a>
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 -  
D(2021)4569-DC (8  
July 2021)

**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](#)