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**Part Number:** [1462000011](#)  
**Status:** **Active**  
**Overview:** [Antennas](#)  
**Description:** 698MHz-2.7GHz Cellular Ceramic Antenna, SMT (Matching Pair to 146200-0001)

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification 1462000001-PK \(PDF\)](#)  
[Product Specification 1462000001-PS \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification 1462000001-AS \(PDF\)](#)

**General**

Product Family	Antennas
Series	<a href="#">146200</a>
Component Type	Surface Mount Device Antenna
Overview	<a href="#">Antennas</a>
Product Name	Full LTE SMT Antenna
Protocol	Cellular
Type	Cellular Antenna
UPC	191128754064

**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

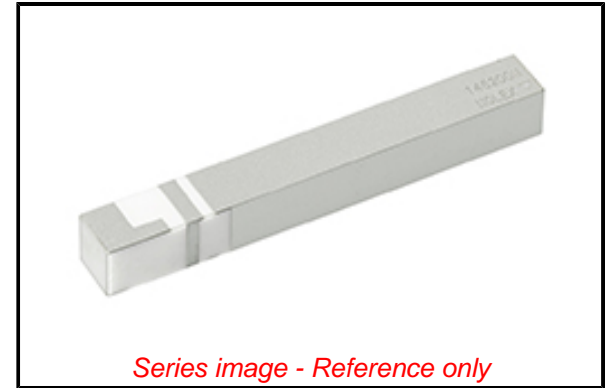
**Electrical**

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
Impedance	50Ω
Number of Bands	Full LTE band
Peak Gain (dBi)	0.5 @ 698M, 3.7 @ 1710M
Return Loss - S11 (dB)	< -5
Total Efficiency	>45% @ 698M, >60% @ 1710M

**Material Info**

**Reference - Drawing Numbers**

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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[146200](#) Series