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

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification 1462000001-PS \(PDF\)](#)
[Application Specification 1462000001-AS \(PDF\)](#)
[Packaging Specification 1462000001-PK \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)
[Product Literature \(PDF\)](#)

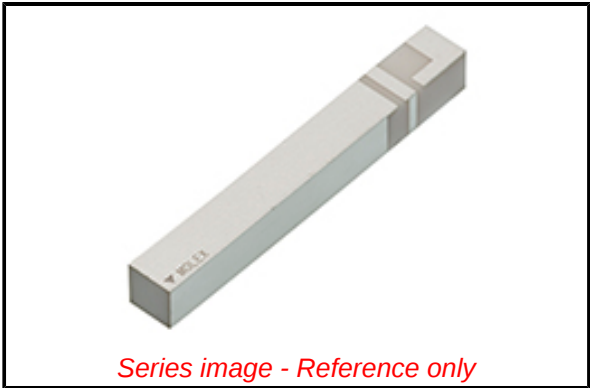
General
Product Family Antennas
Series [146200](#)
Component Type Surface Mount Device Antenna
Function Signal
Overview [LTE Cellular Antennas](#)
Product Literature Order No 987650-7481
Product Name Full LTE SMT Antenna
Protocol Cellular
Type Cellular Antenna, LPWAN
UPC 889056789929

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 -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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[146200](#) Series

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