

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1462340200

Status:

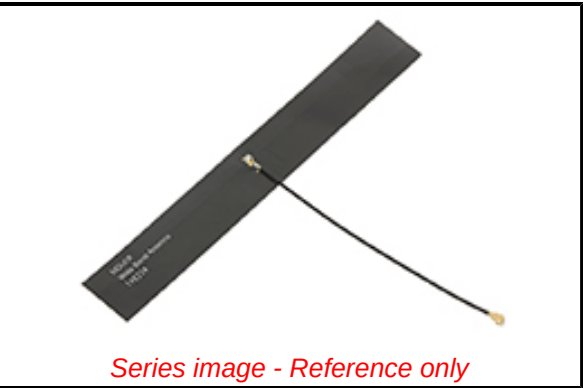
Active

Overview:

LTE Cellular Antennas

Description:

698MHz-6GHz Wide Band Antenna, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Documents:

3D Model

Application Specification 1462340100-AS (PDF)

Drawing (PDF)

Packaging Specification 1462340100-PK (PDF)

3D Model (PDF)

Datasheet (PDF)

Product Specification 1462340100-PS (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Antennas
Series	146234
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	734120110 Microcoaxial RF, 50 Ohm
Overview	LTE Cellular Antennas
Product Name	698MHz-6GHz Wide Band Antenna
Protocol	Cellular
Type	Cellular Antenna
UPC	191128461689
Physical	
Cable Length	200.00mm
Length	140.00mm
Mounting Style	Adhesive
Net Weight	1.580/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	20.00mm
Electrical	
Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	698
Band#2 F_End (MHz)	2700
Band#2 F_Start (MHz)	1500
Band#3 F_End (MHz)	6000
Band#3 F_Start (MHz)	2700
Electrical Connectivity	Cable
Peak Gain (dBi)	1.6 @ 698 MHz, 2.5 @ 1500 MHz, 4.6 @ 2.7 GHz
Return Loss - S11 (dB)	< -4, < -5
Total Efficiency	>64% @ 2.7 GHz, >66% @ 1500 MHz, >68% @ 698 MHz
Material Info	
Reference - Drawing Numbers	
Application Specification	1462340100-AS
Packaging Specification	1462340100-PK
Product Specification	1462340100-PS
Sales Drawing	1462340100-SD

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

146234 Series

This document was generated on 09/28/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[146234-0200](#)