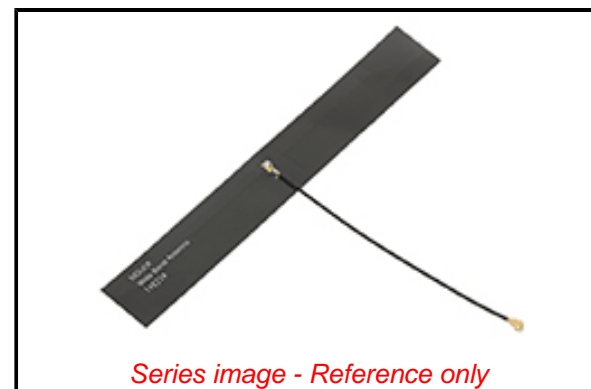


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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)
Product Specification 1462340100-PS (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	146234
Component Type	Flexible Antenna with Cable
Datasheet Order No	987651-7811
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	1.175/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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

146234 Series

This document was generated on 09/26/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION