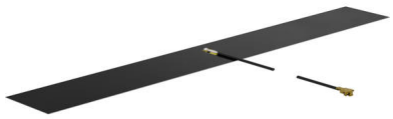
Part Number : 1462340100
Product Description : 698MHz-6GHz Wide Band Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Series Number : 146234
Status : Active
Product Category : Antennas



Documents and Resources

Drawings

1462340100_sd.pdf

1462340100-PK.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

1462340100-AS.pdf

1462340100-PS.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Antennas
Series	146234
Description	698MHz-6GHz Wide Band Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	698MHz-6GHz Wide Band Antenna
Protocol	Cellular
Type	Cellular Antenna, Internal
UPC	191128461665

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)	1.8 @ 698 MHz, 2.8 @ 1500 MHz, 5.0 @ 2.7 GHz

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Return Loss - S11 (dB)	< -4, < -5
Total Efficiency	>70%

Physical

Cable Length	100.00mm
Length	140.00mm
Mounting Style	Adhesive
Net Weight	1.300/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	20.00mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
MCRF Jack, Straight, PCB Receptacle, Surface Mount, 1.25mm Mounted Height, 50 Ohms	734120110

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