Part Number : 2079010300

Product Description : 600MHz-6GHz Monopole Low-profile Flexible Antenna, 300.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Series Number : 207901

Status : Active

Product Category : Antennas

Documents & Resources

Drawings

2079010300_sd.pdf

2079010100-PK.pdf

3D Models and Design Files

2079010300_stp.zip

Specifications

2079010100-AS.pdf

2079010100-PS.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	♻
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Antennas
Series	207901
Description	600MHz-6GHz Monopole Low-profile Flexible Antenna, 300.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	600MHz-6GHz Flexible Antenna
Protocol	Cellular
Type	Cellular Antenna, Internal
UPC	191130042050

Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	600
Band#2 F_End (MHz)	3000
Band#2 F_Start (MHz)	1500
Band#3 F_End (MHz)	6000
Band#3 F_Start (MHz)	3000
Electrical Connectivity	Cable
Peak Gain (dBi)	2.2 @ 600 MHz, 4.3 @ 1500 MHz, 4.6 @ 3 GHz
Return Loss - S11 (dB)	< -3, < -5
Total Efficiency	56% @ 1500 MHz, 57% @ 3 GHz, 64% @ 600 MHz

Physical

Cable Length	300.00mm
Length	147.00mm
Mounting Style	Adhesive
Net Weight	2.432/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.16mm
Width	25.00mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
50 Ohms, MCRF, PCB Vertical Jack Receptacle, SMT, 1.25mm Mounted Height	734120110

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