



Part Number : [2079010100](#)

Product Description : 600MHz-6GHz Monopole
Low-profile Flexible Antenna, 100.00mm Cable Length,
Compatible with U.FL / I-PEX MHF Connectors

Series Number : 207901

Status : Active

Product Category : Antennas



Documents & Resources

Drawings

[2079010100_sd.pdf](#)

[2079010100-PK.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[2079010100-AS.pdf](#)

[2079010100-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(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents

- 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	207901
Description	600MHz-6GHz Monopole Low-profile Flexible Antenna, 100.00mm 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	191130043040

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)	2.6 @ 600 MHz, 4.9 @ 1500 MHz, 5.4 @ 3 GHz
Return Loss - S11 (dB)	< -3, < -5
Total Efficiency	65% @ 1500 MHz, 70% @ 3 GHz, 70% @ 600 MHz

Physical

Cable Length	100.00mm
Length	147.00mm
Mounting Style	Adhesive
Net Weight	1.815/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
MCRF Jack, Straight, PCB Receptacle, Surface Mount, 1.25mm Mounted Height, 50 Ohms	<u>734120110</u>

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