



Part Number : 2079010200

Series Number : 207901  
Product Category : Antennas

Product Description : 600MHz-6GHz  
Monopole Low-profile Flexible Antenna,  
200.00mm Cable Length, Compatible with  
U.FL / I-PEX MHF Connectors  
Status : Active

Documents & Resources

Drawings

Drawing 2079010200\_sd.pdf  
Packaging Design Drawing 2079010100-PK.pdf

3D Models and Design Files


3D Model 2079010200\_stp.zip

Specifications

Application Specification 2079010100-AS.pdf  
Product Specification 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(2023)8585-DC (23 Jan 2024)
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

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### Part Details

#### General

Status	Active
Category	Antennas
Series	207901
Description	600MHz-6GHz Monopole Low-profile Flexible Antenna, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Family	LTE Cellular Antennas
Product Name	600MHz-6GHz Flexible Antenna
Protocol	Cellular
Type	Cellular Antenna, Internal
UPC	191130043064

#### 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)	2.4 @ 600 MHz, 4.6 @ 1500 MHz, 5.0 @ 3 GHz
Return Loss - S11 (dB)	< -3, < -5
Total Efficiency	60% @ 1500 MHz, 63% @ 3 GHz, 67% @ 600 MHz

#### Physical

Cable Length	200.00mm
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Length	147.00mm
Mounting Style	Adhesive
Net Weight	2.114/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.16mm
Width	25.00mm

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**Mates With / Use With**

**Mates with Part(s)**

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