



Part Number : [2079019100](#)

Product Description : 600MHz-6GHz
Monopole Low-Profile Automotive Flexible
Antenna, 100.00mm Cable Length,
Compatible with MHF-1 Plug

Series Number : 207901

Status : Active

Product Category : Antennas



Documents & Resources

Drawings

[2079019100_sd.pdf](#)

[2079019100-001.pdf](#)

3D Models and Design Files


[2079019100_stp.zip](#)

Specifications

[2079019100-000.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)6225-DC (07 Nov 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

Part Details

General

Status	Active
Category	Antennas
Series	207901
Description	600MHz-6GHz Monopole Low-Profile Automotive Flexible Antenna, 100.00mm Cable Length, Compatible with MHF-1 Plug
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	600MHz-6GHz Flexible Antenna
Protocol	Cellular
Type	Cellular Antenna, Internal
UPC	195842854260

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% @ 3000 MHz, >70% @ 600 MHz

Physical

Cable Length	100.00mm
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Length	147.00mm
Mounting Style	Adhesive
Net Weight	1.815/g
Packaging Type	PET Film
Radiation Pattern	Omnidirectional
Width	25.00mm

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