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 and Resources

Drawings

2079019100_sd.pdf

2079019100-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2079019100-000.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

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- 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 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

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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
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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