Part Number : 2140483000
Product Description : ISM/DSRC MIMO External Antenna, 77.00mm Diameter, 3.0m Cables with SMA Connectors
Series Number : 214048
Status : Active
Product Category : Antennas



Documents and Resources

Drawings

2140483000_sd.pdf

2140483000-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2140483000-000.pdf

2140483000-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2025)7771-DC (04 Feb 2026) SCIP:9325e1d8-af41-4cb1-9ff4-2f983cb1974c
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

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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	214048
Description	ISM/DSRC MIMO External Antenna, 77.00mm Diameter, 3.0m Cables with SMA Connectors
Component Type	External Antenna
Function	Signal
Product Name	ISM/DSRC MIMO Antenna
Protocol	DSRC, ISM
Type	External
UPC	193264346134

Electrical

Band#1 F_End (MHz)	6000
Band#1 F_Start (MHz)	5800
Electrical Connectivity	Cable
Peak Gain (dBi)	-1.0 @ 5800 MHz, -1.8 @ 5800 MHz

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Return Loss - S11 (dB)	< -10
Total Efficiency	>10% @ 5800 MHz

Physical

Cable Length	3000.00mm
Length	N/A
Mounting Style	Adhesive
Net Weight	99.640/g
Outer Diameter	77.00mm
Packaging Type	Partitioned Carton
Polarization	Linear
Radiation Pattern	Omnidirectional
Temperature Range - Operating	-40° to +85°C
Thickness	15.00mm
Width	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	SMA-K (Female)

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