



Part Number : 2140483000

Series Number : 214048
Product Category : Antennas

Product Description : ISM/DSRC MIMO
External Antenna, 77.00mm Diameter, 3.0m
Cables with SMA Connectors
Status : Active

Documents & Resources


Drawings
Drawing 2140483000_sd.pdf
Packaging Design Drawing 2140483000-001.pdf

3D Models and Design Files
3D Model 2140483000_stp.zip

Specifications
Application Specification 2140483000-000.pdf
Product Specification 2140483000-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant with Exemption 6(c) 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	214048
Description	ISM/DSRC MIMO External Antenna, 77.00mm Diameter, 3.0m Cables with SMA Connectors
Component Type	External Antenna
Function	Signal
Product Family	Industrial, Scientific and Medical (ISM) Antennas
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
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)

This document was generated on Jul 29, 2024