



Part Number : 2161960011

Series Number : 216196
Product Category : Antennas

Product Description : LoRa 915MHz High-Band External Antenna, 196.00mm Length, with Reverse Polar SMA Male Connector
Status : Active

Documents & Resources

Drawings
Drawing 2161960011_sd.pdf
Packaging Design Drawing 2161960001-001.pdf

Specifications
Application Specification 2161960001-000.pdf
Product Specification 2161960001-001.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	Contains Lead per D(2023)8585-DC (23 Jan 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)

Part Details

General

Status	Active
Category	Antennas
Series	216196
Description	LoRa 915MHz High-Band External Antenna, 196.00mm Length, with Reverse Polar SMA Male Connector
Component Type	External Antenna
Function	Signal
Product Family	Industrial, Scientific and Medical (ISM) Antennas
Product Name	LoRa High Band Antenna
Protocol	LoRa
Type	External, ISM Antenna
UPC	193264724031

Electrical

Band#1 F_End (MHz)	925
Band#1 F_Start (MHz)	905
Peak Gain (dBi)	1.7 @ 915 MHz
Return Loss - S11 (dB)	< -8
Total Efficiency	>70% @ 915 MHz

Physical

Length	196.00mm
Mounting Style	N/A
Net Weight	23.500/g
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Temperature Range - Operating	-40° to +85°C
Width	13.00mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	Reverse Polar SMA Female Receptacle