



Part Number : [1052620003](#)

Product Description : ISM 868/915MHz  
Antenna, 200.00mm Cable Length,  
Compatible with U.FL / I-PEX MHF Connectors

Series Number : 105262

Status : Active

Product Category : Antennas



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## Documents & Resources

### Drawings

[Drawing 1052620003\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 1052620003\\_stp.zip](#)

### Specifications

[Application Specification AS-105262-0001-001.pdf](#)

[Packaging Specification PK-105262-001-001.pdf](#)

[Product Specification PS-105262-001-001.pdf](#)

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## 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(2023)3788-DC (14 Jun 2023)
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

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## Part Details

### General

Status	Active
Category	Antennas
Series	105262
Description	ISM 868/915MHz Antenna, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Family	Industrial, Scientific and Medical (ISM) Antennas
Product Name	ISM 868/915 MHz Stand Alone
Protocol	LoRa, Neul, SigFox, Z-Wave, Zigbee
Type	Internal, ISM Antenna, LPWAN
UPC	887191106564

### Electrical

Band#1 F_End (MHz)	870
Band#1 F_Start (MHz)	863
Band#2 F_End (MHz)	928
Band#2 F_Start (MHz)	902
Electrical Connectivity	Cable
Peak Gain (dBi)	0.2 @ 868 MHz, 1.2 @ 915 MHz
Return Loss - S11 (dB)	< -6
Total Efficiency	> -2.0dB @ 915 MHz, > -3.2dB @ 868 MHz

### Physical

Cable Length	200.00mm
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Length	79.00mm
Mounting Style	Adhesive
Net Weight	0.929/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	10.00mm

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
50 Ohms, MCRF, PCB Vertical Jack Receptacle, SMT, 1.25mm Mounted Height	<u>0734120110</u>