

**Part Number :** 2067640100

**Product Description :** ISM 868/915MHz Dipole Flexible Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



**Series Number :** 206764

**Status :** Active

**Product Category :** Antennas

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## Documents & Resources

### Drawings

[Drawing 2067640100\\_sd.pdf](#)

[Packaging Design Drawing 2067640100-PK.pdf](#)

### 3D Models and Design Files

[3D Model 2067640100\\_stp.zip](#)

### Specifications

[Application Specification 2067640100-AS.pdf](#)

[Product Specification 2067640100-PS.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	206764
Description	ISM 868/915MHz Dipole Flexible Antenna, 100.00mm 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	191128789165

#### 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)	1.2 @ 868/915 MHz
Return Loss - S11 (dB)	< -9
Total Efficiency	>70% @ 868/915 MHz

#### Physical

Cable Length	100.00mm
Length	87.40mm

Mounting Style	Adhesive
Net Weight	0.872/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	12.40mm

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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>

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