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Part Number: [1052620001](#)
Status: **Active**
Overview: [Antennas](#)
Description: ISM 868/915 MHz Antenna, 100.00mm Cable Length

Documents:

| | |
|--|---|
| 3D Model | Packaging Specification PK-105262-001-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-105262-001-001 (PDF) | Product Literature (PDF) |
| Application Specification AS-105262-0001-001 (PDF) | |

General

| | |
|-----------------------------|--|
| Product Family | Antennas |
| Series | 105262 |
| Component Type | Stand Alone Antenna with Cable |
| Mates With | 73412-0110 Microcoaxial RF, 50 Ohm |
| Overview | Antennas |
| Product Literature Order No | 987650-7461 |
| Product Name | ISM 868/915 MHz Stand Alone |
| Protocol | LoRa, Neul, SigFox, Z-Wave, Zigbee |
| Type | ISM Antenna |
| UPC | 887191106519 |

Physical

| | |
|-------------------|-----------------|
| Cable Length | 100.00mm |
| Length | 79.00mm |
| Mounting Style | Adhesive |
| Net Weight | 0.690/g |
| Packaging Type | Tray |
| Polarization | Linear |
| Radiation Pattern | Omnidirectional |
| Thickness | 0.10mm |
| Width | 10.00mm |

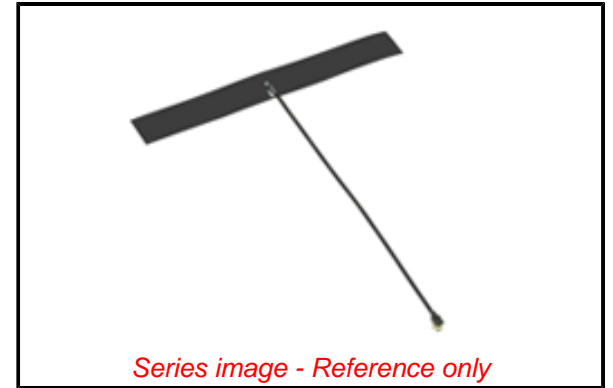
Electrical

| | |
|-------------------------|----------------------------------|
| 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 |
| Impedance | 50Ω |
| Number of Bands | 2 |
| Peak Gain (dBi) | 0.4 @ 868M, 1.4 @ 915M |
| Return Loss - S11 (dB) | < -11, < -13 |
| Total Efficiency | > -1.8dB @ 915M, > -3.0dB @ 868M |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|--------------------|
| Application Specification | AS-105262-0001-001 |
| Packaging Specification | PK-105262-001-001 |
| Product Specification | PS-105262-001-001 |
| Sales Drawing | SD-105262-001-001 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
ED/01/2018 (15
January 2018)
2,4-Di-tert-butyl-6-(5-
chlorobenzotriazol-2-
yl)p

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
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China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

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