



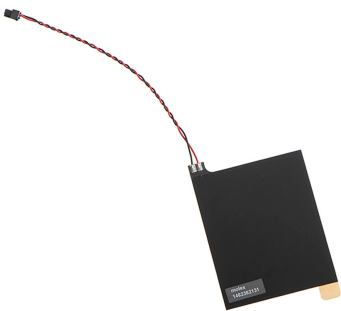
Part Number : [1462362151](#)

Product Description : Rectangular Near Field Communication (NFC) Antenna, with Ferrite, 15.00mm by 15.00mm by 0.27mm, 102.00mm Cable Length, with Micro-Lock Plus Connector

Series Number : 146236

Status : Active

Product Category : Antennas



Documents & Resources

Drawings

- [1462362151\\_sd.pdf](#)
- [1462362131-001.pdf](#)

3D Models and Design Files

- [1462362151\\_stp.zip](#)

Specifications

- [1462360001-AS.pdf](#)
- [1462360001-PS.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 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one per D(2024)4144-DC (27 June 2024) |
| 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                   | 146236                                                                                                                                                |
| Description              | Rectangular Near Field Communication (NFC) Antenna, with Ferrite, 15.00mm by 15.00mm by 0.27mm, 102.00mm Cable Length, with Micro-Lock Plus Connector |
| Component Type           | FPC Coil Antenna                                                                                                                                      |
| Function                 | Signal                                                                                                                                                |
| Near Field Communication | Yes                                                                                                                                                   |
| Product Name             | NFC Antenna                                                                                                                                           |
| Protocol                 | NFC                                                                                                                                                   |
| Type                     | Internal, NFC Antenna                                                                                                                                 |
| UPC                      | 193264425853                                                                                                                                          |

#### Electrical

|                         |              |
|-------------------------|--------------|
| Electrical Connectivity | Copper Flex  |
| Frequency               | 13.56 MHz    |
| Inductance              | 2.40 $\mu$ H |

#### Physical

|                |          |
|----------------|----------|
| Cable Length   | 102.00mm |
| Length         | 15.00mm  |
| Mounting Style | Adhesive |
| Net Weight     | 0.579/g  |
| Packaging Type | PET Film |

|           |         |
|-----------|---------|
| Thickness | 0.27mm  |
| Width     | 15.00mm |

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