

**Part Number :** [1462362102](#)

**Product Description :** Rectangular Near Field Communication (NFC) Antenna, with Ferrite, 15.00mm by 25.00mm by 0.27mm, 102.00mm Cable Length, with Micro-Lock Plus Connector

**Series Number :** 146236

**Status :** Active

**Product Category :** Antennas

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## Documents and Resources

### Drawings

[1462362102 sd.pdf](#)

[1462362131-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications


[1462360001-AS.pdf](#)

[1462360001-PS.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| China RoHS         |  per SJ/T 11365-2006                             |
| 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(2025)7771-DC (04 Feb 2026)<br>SCIP:ccab7f4d-c5bf-4c51-98c8- |

|         |                           |
|---------|---------------------------|
|         | e23d25a7db69              |
| EU RoHS | Compliant per EU 2015/863 |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

## Part Details

### General

|                          |   |
|--------------------------|---|
| Status                   | Active  |
| Category                 | Antennas  |
| Series                   | 146236  |
| Description              | Rectangular Near Field Communication (NFC) Antenna, with Ferrite, 15.00mm by 25.00mm 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                      | 193264425822  |

### Electrical

|                         |              |
|-------------------------|--------------|
| Electrical Connectivity | Copper Flex  |
| Frequency               | 13.56 MHz    |
| Inductance              | 3.30 $\mu$ H |

## Physical

|                |          |
|----------------|----------|
| Cable Length   | 102.00mm |
| Length         | 15.00mm  |
| Mounting Style | Adhesive |
| Net Weight     | 0.740/g  |
| Packaging Type | PET Film |
| Thickness      | 0.27mm   |
| Width          | 25.00mm  |

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