

**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

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## Documents and Resources

### Drawings

[1462362151 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) SCIP:0a24af5e-6dff-49df-

	b110-1b8d3cb16e06
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 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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