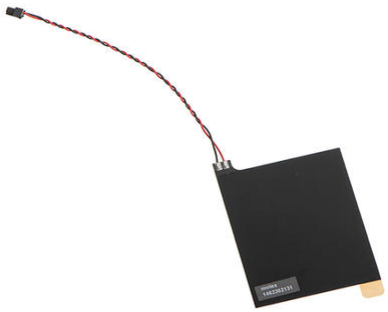
molex



Part Number : 1462362131
Product Description : Rectangular Near Field Communication (NFC) Antenna, with Ferrite, 45.00mm by 55.00mm by 0.27mm, 102.00mm Cable Length, with Micro-Lock Plus Connector
Series Number : 146236
Status : Active
Product Category : Antennas

Documents & Resources

Drawings

1462362131_sd.pdf

1462362131-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

1462360001-AS.pdf

1462360001-PS.pdf

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)4165-DC (25 June 2025)

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, 45.00mm by 55.00mm 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	193264120970

Electrical

Electrical Connectivity	Copper Flex

Frequency	13.56 MHz
Inductance	4.10 µH

Physical

Cable Length	102.00mm
Length	45.00mm
Mounting Style	Adhesive
Net Weight	2.161/g
Packaging Type	PET Film
Thickness	0.27mm
Width	55.00mm