Part Number : 1461794011
Product Description : PowerLife Wireless Charging Coil, Transmit and Receive, Low Frequency, Wearable, 2.5W
Series Number : 146179
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

1461794011_sd.pdf

1461794011-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

1461794011-AS.pdf

1461794011-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained 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	146179
Description	PowerLife Wireless Charging Coil, Transmit and Receive, Low Frequency, Wearable, 2.5W
Comments	Powered with NuCurrent Technology
Component Type	Wireless Power Coil
Function	Power
Product Name	PowerLife
Protocol	N/A
Type	Wireless Power Coil
UPC	889056499910

Electrical

Direct Current Resistance	38mΩ (Transmit), 550mΩ (Receive)
Electrical Connectivity	Copper Flex and Wire
Equivalent Series Resistance	42mΩ @ 200kHz (Transmit), 685mΩ @ 200kHz (Receive)
Frequency	Low
Inductance	5.60 µH (Transmit), 9.60 µH

	(Receive)

Physical

Cable Length	N/A
Length	N/A
Material - Coil	Flex (Receive), Wire (Transmit)
Mounting Style	N/A
Net Weight	0.731/g
Outer Diameter	25.10mm (Receive), 27.00mm (Transmit)
Packaging Type	Tray
Thickness	0.54mm (Receive), 3.70mm (Transmit)
Width	N/A