Part Number : 2181021051
Product Description : Micro-Lock Plus-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Single Row, 100.00mm Length, 5 Circuits, Black
Series Number : 218102
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

2181021051_sd.pdf

STEP AP242

SOLIDWORKS

Creo

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	Not Contained per D(2025)7771-DC (04 Feb 2026)
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

Downloaded from Arrow.com.

- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Power and Signal Cable Assemblies
Series	218102
Description	Micro-Lock Plus-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Single Row, 100.00mm Length, 5 Circuits, Black
Application	Wire-to-Board, Wire-to-Wire
Assembly Configuration	Single Ended Connector
Connector to Connector	Micro-Lock Plus-to-Pigtail
Keyword	Micro-Lock Plus 2.0
Product Name	Micro-Lock Plus
Type	Discrete Wire Assembly
UPC	195842350564

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Cable Length	100.00mm
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Gender	Female-Pigtail
Lock to Mating Part	Yes

Downloaded from Arrow.com.

Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	2.744/g
Number of Rows	1
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.700µm
Single Ended	Yes
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 10002
Wire Size (AWG)	22

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.00mm Pitch Micro-Lock Plus Vertical, Single Row, Surface Mount Headers	505575
2.00mm Pitch Micro-Lock Plus Right-Angle, Single Row, Surface Mount Headers	505578
2.00mm Pitch, Micro-Lock Plus Single Row Plug Housings	213719

Downloaded from Arrow.com.