

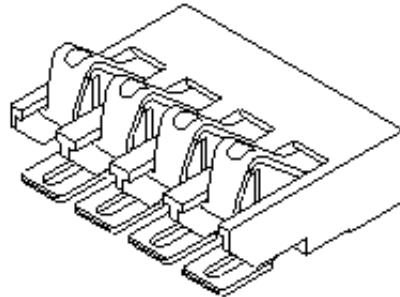
**Part Number :** 471030001

**Product Description :** 2.00mm Pitch Battery Connector, Surface Mount, Contact Width 1.20mm, 4 Circuits, Lead-Free

**Series Number :** 47103

**Status :** Planned for Obsolescence

**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Product Environment Compliance

#### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

#### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

#### Multiple Part Industry Compliance Documents

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

#### EU RoHS Certificate of Compliance

## Part Details

### General

Status	Planned for Obsolescence
Category	PCB Headers and Receptacles
Series	47103
Description	2.00mm Pitch Battery Connector, Surface Mount, Contact Width 1.20mm, 4 Circuits, Lead-Free
Application	Board-to-Board, Signal
Comments	Dimple on Contact Area
Component Type	PCB Header
Product Family	Battery Connectors
Product Name	Battery Connector,Compression Connector,One Piece
UPC	822348239566

## Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	200V

## Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	10000
First Mate / Last Break	Yes
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	2.30mm
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	190.395/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No

PCB Retention	None
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762 $\mu$ m
Plating min - Termination	3.810 $\mu$ m
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

## Solder Process Data

Max-Duration	3
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	245

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