

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0472861001](#)  
**Status:** **Active**  
**Overview:** [Battery Connectors](#)  
**Description:** 2.00mm Pitch Battery Connector, Surface Mount, Contact Width 0.70mm, Dimple on Contact Area, Working Height 1.60mm, 4 Circuits, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-47286-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-47286-001-002 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Headers
Series	<a href="#">47286</a>
Application	Board-to-Board, Signal
Comments	Dimple on Contact Area
Component Type	PCB Header
Overview	<a href="#">Battery Connectors</a>
Product Name	Battery Connector, Compression Connector, One Piece
Taxonomy	PCB Headers and Receptacles
UPC	822350798143

**Physical**

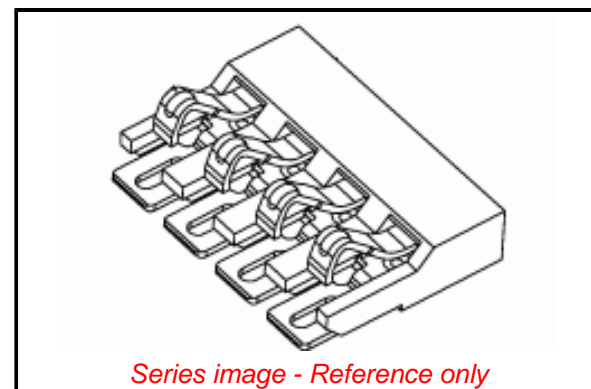
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	10000
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	1.60mm
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	0.139/g
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-20° to +70°C
Termination Interface: Style	Surface Mount

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	030
--	-----



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[47286 Series](#)

Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	250

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-47286-001-002
Product Specification	PS-47286-001-001
Sales Drawing	SD-47286-001-001

This document was generated on 01/03/2023

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**