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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:

[3D Model](#) [Product Specification PS-47286-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	47286
Application	Board-to-Board, Signal
Comments	Dimple on Contact Area
Overview	<u>Battery Connectors</u>
Product Name	Battery Connector, Compression Connector, One Piece
UPC	822350798143

Physical

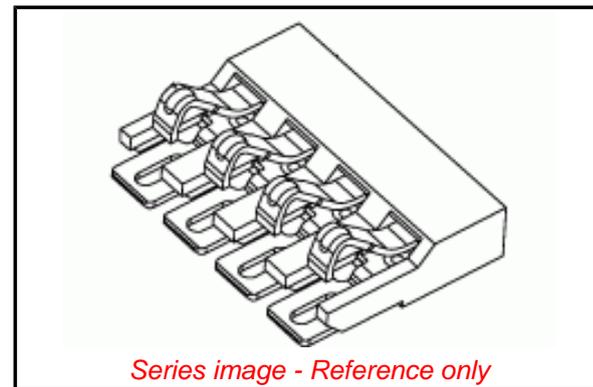
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	10,000
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	1.60mm
Material - Plating Mating	Gold
Material - Plating Termination	Gold
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°C 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
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	250



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[47286 Series](#)

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-47286-001

SD-47286-001

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