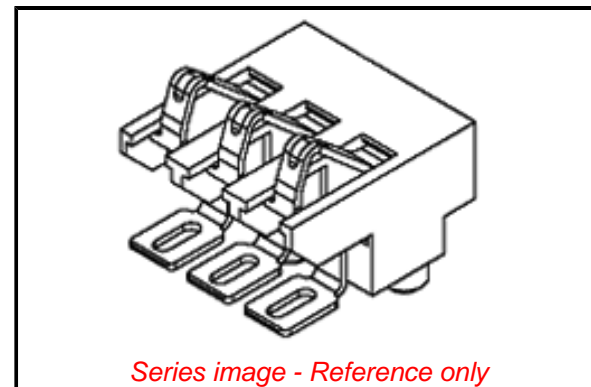


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Part Number: [1050400001](#)
Status: **Active**
Overview: Battery Connectors
Description: 2.00mm Pitch Battery Connector, 3 Circuits, Surface Mount, Contact Width 0.70mm, with Pegs, Working Height 3.80mm Lead-Free

Documents:

3D Model	Product Specification TS-105040-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-105040-001 (PDF)
Product Specification PS-105040-001-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	PCB Headers
Series	105040
Application	Board-to-Board, Signal
Overview	<u>Battery Connectors</u>
Product Name	Battery Connector, Compression Connector, One Piece
UPC	883906179229

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
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
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.164/g
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.051µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	12V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	003
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[105040 Series](#)

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

REFLOW
001
250

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

PK-105040-001
PS-105040-001-001, TS-105040-001-001
SD-105040-001

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