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Part Number: [53307-1871](#)
Status: **Active**
Description: 0.80mm Pitch Header, Surface Mount, Dual Row, Vertical Stacking, 4.50 and 5.50mm Stacking Heights, Lead-Free, 18 Circuits

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-52588-031 (PDF) |
| Drawing (PDF) | Product Specification PS-52588-032 (PDF) |
| Product Specification PS-52465-015 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|----------------|------------------------|
| Product Family | PCB Headers |
| Series | 53307 |
| Application | Board-to-Board, Signal |
| Product Name | N/A |
| UPC | 822348180479 |

Physical

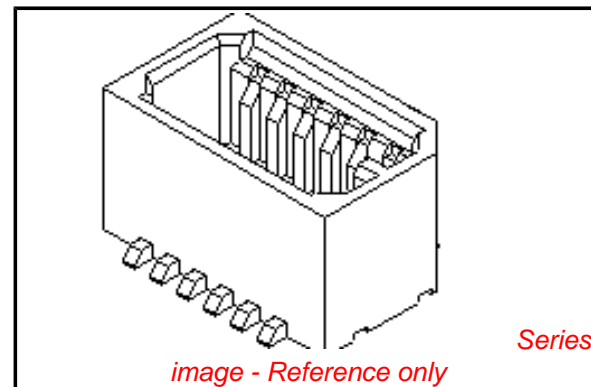
| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 18 |
| Circuits (maximum) | 18 |
| Color - Resin | Natural |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | None |
| Mated Height | 4.50mm, 5.50mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 261.800/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.80mm |
| Pitch - Termination Interface | 0.80mm |
| Plating min - Mating | 3.048µm |
| Plating min - Termination | 3.048µm |
| Polarized to PCB | No |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -20°C to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum | 50V |

Material Info

Reference - Drawing Numbers



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[53307Series](#)

Mates With

Board-to-Board Receptacle [52465](#) , [52588](#)

Product Specification

Sales Drawing

PS-52465-015, PS-52588-031, PS-52588-032,
RPS-52465-042, RPS-52465-052, RPS-52588-039,
RPS-52588-040, RPS-52588-041
SD-53307-014, SD-53307-015

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