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Part Number:

0548093191

Status:

Planned for Obsolescence

Description:

0.30mm (.012") Pitch Easy-On™ Type FPC Connector, 1.30mm (.051") Mated Height, Right Angle, SMT, ZIF, Bottom Contact Style, 31 Circuits

Replacement Part Number:

548093198

Documents:

3D Model

Drawing (PDF)

Product Specification PS-54809-029 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                |
|--------------------------------|--------------------------------|
| <b>General</b>                 |                                |
| Product Family                 | FFC/FPC Connectors             |
| Series                         | 54809                          |
| Product Name                   | Easy-On™                       |
| Replacement Part Number        | 548093198                      |
| <b>Physical</b>                |                                |
| Circuits (Loaded)              | 31                             |
| Color - Resin                  | Brown, Natural                 |
| Contact Position               | Bottom                         |
| Entry Angle                    | 90° Angle                      |
| Mated Height                   | 1.30mm (.051")                 |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Tin-Lead                       |
| Material - Plating Termination | Tin-Lead                       |
| Material - Resin               | High Temperature Thermoplastic |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 0.30mm (.012")                 |
| Plating min - Mating           | 1.016µm (40µ")                 |
| Plating min - Termination      | 1.016µm (40µ")                 |
| Polarized to PCB               | Yes                            |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | N/A                            |
| Temperature Range - Operating  | -20°C to +85°C                 |
| Termination Interface: Style   | Surface Mount                  |
| Wire/Cable Type                | FPC only                       |

|                               |      |
|-------------------------------|------|
| <b>Electrical</b>             |      |
| Current - Maximum per Contact | 0.2A |
| Voltage - Maximum             | 50V  |

|                                        |            |
|----------------------------------------|------------|
| <b>Solder Process Data</b>             |            |
| Replacement RoHS Compliant Part Number | 0548093198 |

Material Info

|                                    |                                                                                                        |
|------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Reference - Drawing Numbers</b> |                                                                                                        |
| Product Specification              | PS-54809-029, RPS-54809-030, RPS-54809-044, RPS-54809-047, RPS-54809-055, RPS-54809-057, RPS-54809-058 |
| Sales Drawing                      | SD-54809-026, SD-54809-027                                                                             |

EU RoHS

Not RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

50

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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.

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54809Series

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