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Part Number:

0917143008

Status:

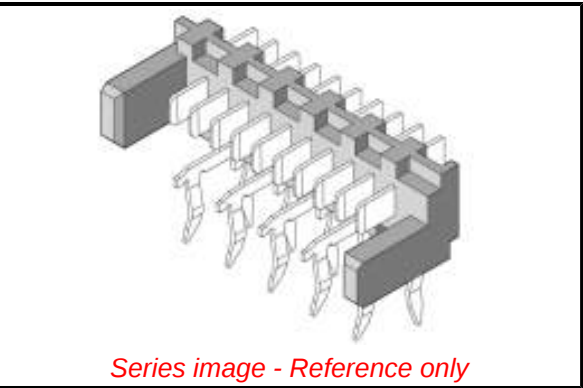
Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

1.27mm Pitch Picoflex PF-50 Header, Right Angle, High Temp, Gold (Au) Plating, 8 Circuits, Glow Wire Capable



|                               |                                                           |
|-------------------------------|-----------------------------------------------------------|
| Documents:                    |                                                           |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-99020-0011 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>      |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Family                 | Ribbon Cable / Wire Trap Connectors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Series                         | 91714                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Comments                       | This Molex product is manufactured from material that has the following ratings, tested by independent agencies :. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety; section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. |
| Component Type                 | PCB Header                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Glow-Wire Capable              | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Overview                       | <a href="#">Picoflex Ribbon-Cable Connectors</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Name                   | Picoflex                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UPC                            | 800756809113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Physical                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Circuits (Loaded)              | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Circuits (maximum)             | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Color - Resin                  | Natural                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Durability (mating cycles max) | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Entry Angle                    | 90° Angle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Lock to Mating Part            | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Material - Metal               | Brass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Material - Plating Mating      | Gold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Material - Plating Termination | Gold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Material - Resin               | High Temperature Thermoplastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Net Weight                     | 0.598/g                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Number of Rows                 | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PCB Locator                    | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PCB Retention                  | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PCB Thickness - Recommended    | 1.60mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Packaging Type                 | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Pitch - Mating Interface       | 1.27mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Pitch - Termination Interface  | 1.27mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Plating min - Mating           | 0.762µm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

|                                                                                    |               |
|------------------------------------------------------------------------------------|---------------|
| EU ELV                                                                             |               |
| Not Relevant                                                                       |               |
| EU RoHS                                                                            | China RoHS    |
| Compliant                                                                          |               |
| REACH SVHC                                                                         |               |
| Not Contained Per                                                                  |               |
| -ED/01/2018 (15                                                                    |               |
| January 2018)                                                                      |               |
| Halogen-Free                                                                       |               |
| Status                                                                             |               |
| Not Low-Halogen                                                                    |               |
| Need more information on product                                                   |               |
| environmental compliance?                                                          |               |
| Email <a href="mailto:productcompliance@molex.com">productcompliance@molex.com</a> |               |
| Please visit the <a href="#">Contact Us</a> section for any                        |               |
| non-product compliance questions.                                                  |               |
| China ROHS                                                                         | Not Relevant  |
| ELV                                                                                | Not Relevant  |
| RoHS Phthalates                                                                    | Not Contained |

Search Parts in this Series

91714 Series

Mates With

90327 IDT Connector

|                                    |                           |
|------------------------------------|---------------------------|
| Plating min - Termination          | 0.102μm                   |
| Polarized to Mating Part           | Yes                       |
| Polarized to PCB                   | No                        |
| Shrouded                           | Open Ends                 |
| Stackable                          | No                        |
| Surface Mount Compatible (SMC)     | No                        |
| Temperature Range - Operating      | -40°C to +105°C           |
| Termination Interface: Style       | Through Hole - Kinked Pin |
| Wire Insulation Diameter           | N/A                       |
| Wire Size AWG                      | N/A                       |
| Wire/Cable Type                    | Ribbon Cable              |
| <b>Electrical</b>                  |                           |
| Current - Maximum per Contact      | 2.4A                      |
| Voltage - Maximum                  | 250V AC/DC                |
| <b>Material Info</b>               |                           |
| <b>Reference - Drawing Numbers</b> |                           |
| Product Specification              | PS-99020-0011             |
| Sales Drawing                      | SD-91714-001              |

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