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Part Number:

0908790003

Status:

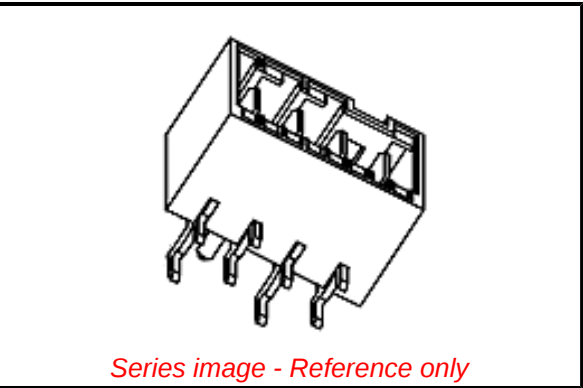
Active

Overview:

RAST 5 Connector System

Description:

5.00mm Pitch Appli-Mate RAST 5 Header, Right-Angle, Male, Natural, Unblocked  
Position Keys: 1a, 5b, Unblocked Coding Keys: 01c & d30, Latch Position 1/2 2/3, 5  
Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0037 (PDF)

RoHS Certificate of Compliance (PDF)

|                      |  |                                        |
|----------------------|--|----------------------------------------|
| Agency Certification |  |                                        |
| CSA                  |  | LR19980                                |
| UL                   |  | E29179                                 |
| General              |  |                                        |
| Product Family       |  | PCB Headers                            |
| Series               |  | 90879                                  |
| Application          |  | Power, Wire-to-Board                   |
| Comments             |  | Male Indirect Receptacle Reference K01 |
| Overview             |  | RAST 5 Connector System                |
| Product Name         |  | RAST 5                                 |
| UPC                  |  | 800754324243                           |

|                                |  |                |
|--------------------------------|--|----------------|
| Physical                       |  |                |
| Breakaway                      |  | No             |
| Circuits (Loaded)              |  | 2              |
| Circuits (maximum)             |  | 2              |
| Color - Resin                  |  | Natural        |
| Durability (mating cycles max) |  | 10             |
| First Mate / Last Break        |  | No             |
| Flammability                   |  | 94V-0          |
| Glow-Wire Capable              |  | No             |
| Guide to Mating Part           |  | No             |
| Keying to Mating Part          |  | None           |
| Lock to Mating Part            |  | Yes            |
| Material - Metal               |  | Brass          |
| Material - Plating Mating      |  | Tin            |
| Material - Resin               |  | Polyester      |
| Net Weight                     |  | 3.075/g        |
| Number of Rows                 |  | 1              |
| Orientation                    |  | Right Angle    |
| PC Tail Length                 |  | 3.90mm         |
| PCB Locator                    |  | No             |
| PCB Retention                  |  | N/A            |
| PCB Thickness - Recommended    |  | 1.40mm         |
| Packaging Type                 |  | Bag            |
| Pitch - Mating Interface       |  | 5.00mm         |
| Pitch - Termination Interface  |  | 5.00mm         |
| Polarized to Mating Part       |  | Yes            |
| Polarized to PCB               |  | Yes            |
| Shrouded                       |  | Fully          |
| Stackable                      |  | No             |
| Surface Mount Compatible (SMC) |  | No             |
| Temperature Range - Operating  |  | -20° to +120°C |
| Termination Interface: Style   |  | Through Hole   |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ED/61/2018 (27 June 2018)                 |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

90879 Series

Mates With

91338 Appli-Mate Female Connector, 90833 Appli-Mate RAST 5 IDT Connector System Female Receptacle, 90835 , Appli-Mate RAST 5 IDT Connector System, 91777 , 91778

**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 16.0A   |
| Voltage - Maximum             | 250V AC |

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 010  |
| Lead-freeProcess Capability                    | WAVE |
| Process Temperature max. C                     | 260  |

**Material Info**

**Reference - Drawing Numbers**

|                       |               |
|-----------------------|---------------|
| Product Specification | PS-99020-0037 |
|-----------------------|---------------|

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