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10124677-0130E13LF

10124677-0130E13LF : Vertical Surface Mount 288 Position

DDR4 DIMM Connector, 0.85mm PITCH



Customer drawing

Product Environmental Compliance Report

Specifications

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Sample request

| General Dimensional Electrical Mechanical Physical Approvals / Certifications Mounting Other Features |                                                   |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| General                                                                                               |                                                   |
| Number of contacts (Total)                                                                            | 288                                               |
| Product Type                                                                                          | DDR4                                              |
| Memory Key Side                                                                                       | right                                             |
| Insertion Style                                                                                       | Direct                                            |
| Mating half                                                                                           | The mated module meets JEDEC Specification MO-309 |
| Number of ejectors                                                                                    | 2                                                 |
| Number of slots                                                                                       | 1                                                 |
| Series Number                                                                                         | 10124677                                          |
| Dimensional                                                                                           |                                                   |
| Height (Above board)                                                                                  | 21.3 mm (0.839 in.)                               |
| Spacing (Center line)                                                                                 | 0.85 mm (0.0335 in.)                              |
| Electrical                                                                                            |                                                   |
| Withstanding Voltage                                                                                  | 500V AC rms                                       |
| Current rating                                                                                        | 0.75A @ 30°C                                      |
| Resistance (Contact)                                                                                  | 10 milli ohms                                     |
| Resistance (Insulation)                                                                               | 1 M-ohms min.                                     |
| Voltage rating                                                                                        | 1.2 V                                             |
| Mechanical                                                                                            |                                                   |
| Durability (Mating cycles)                                                                            | 25 Mating Cycles                                  |
| Retention force (Contact)                                                                             | 2.94N (300g)                                      |
| Physical                                                                                              |                                                   |
| Color (Ejector)                                                                                       | Natural                                           |
| Color (Housing)                                                                                       | Natural                                           |
| Material (Contact)                                                                                    | Copper Alloy                                      |
| Material (Housing)                                                                                    | Thermoplastic (UL 94 V-O)                         |
| Plating (Contact area)                                                                                | 0.76 µm (30 µin.) Gold                            |
| Plating (Tail)                                                                                        | 2.54 µm (100 µin.) Tin                            |
| Underplating (Contact)                                                                                | 1.27 µm (50 µin.) Nickel                          |
| Hold Down                                                                                             | Forklock                                          |
| Operating Voltage                                                                                     | 1.2V                                              |
| Plating (Hold-down)                                                                                   | 2.00 µm (80 µin.) Tin                             |
| Temperature (Operating - continuous)                                                                  | +65°C                                             |
| Temperature (Range)                                                                                   | -55°C to +65°C                                    |
| Approvals / Certifications                                                                            |                                                   |
| Approvals / Certifications                                                                            | In Process                                        |
| Standards                                                                                             | JEDEC MO-309                                      |
| Mounting                                                                                              |                                                   |
| Alignment pegs                                                                                        | No                                                |
| Mounting style                                                                                        | Surface Mount                                     |
| Retention feature (Board)                                                                             | Yes                                               |
| Solder process                                                                                        | Re-flow                                           |
| Other Features                                                                                        |                                                   |
| Packaging (Type)                                                                                      | Hard tray                                         |
| Form Factor                                                                                           | Standard                                          |

Disclaimer : The information above is for reference only. For more technical details, refer to product specification and application specification.