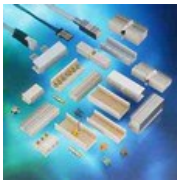


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HM2R81PA8101N9

**HM2R81PA8101N9****HM2R81PA8101N9 - Millipacs® : 2 mm Hard Metric Millipacs series-8-row Receptacle Module Type D (8 Row) without Location Pegs**[Distributor Stock](#)[Print Datasheet](#)[Customer drawing](#)[Product Environmental Compliance Report](#)

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| Dimensional                     |   |
|---------------------------------|---|
| Length (Tail)                   | Press-Fit Tail (2.8 mm)                     |
| General                         |   |
| Gender                          | Receptacle                                  |
| Number of contacts              | 176   |
| Number of rows                  | 8   |
| Orientation                     | Right Angle                                 |
| Product Type                    | Receptacle                                  |
| Series                          | Module Type D (8 Row) without Location Pegs |
| Shielded                        | Yes   |
| Number of levels (Contact)      | Refer to Customer Drawing                   |
| Electrical                      |   |
| Current rating                  | 1.5A at 20°C, 1A at 70°C                    |
| Resistance (Contact)            | 20 milli ohms max.                          |
| Resistance (Insulation)         | 10,000 M-ohms min.                          |
| Voltage rating                  | 750V rms                                    |
| Mechanical                      |   |
| Withdrawal Force                | 0.15N min. per Contact Pair                 |
| Hertz stress                    | 200 Kpsi min.                               |
| Mating force (Signal)           | 0.75N max. per Contact Pair                 |
| Physical                        |   |
| Finish (Contact)                | Level 2                                     |
| Material (Contact)              | Copper alloy                                |
| Material (Housing)              | High Temperature Thermoplastic (UL94 V-0)   |
| Temperature (Operating - range) | -55°C to +125°C                             |
| Mounting                        |   |
| Mounting style (Board)          | Press-Fit                                   |
| Other Features                  |   |
| Packaging (Type)                | Tray  |

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