

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

91716-1007

Status:

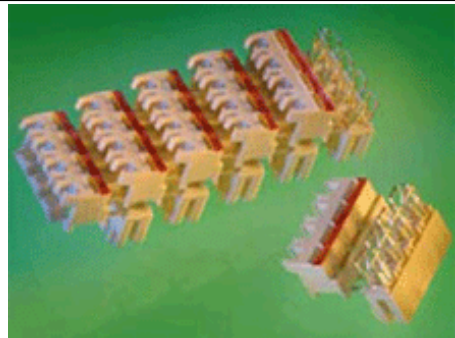
Active

Overview:

RAST 2.5 Connector System

Description:

2.50mm Pitch Appli-Mate® RAST 2.5 IDT Housing, Direct/Indirect, Female, 5 Circuits, Removed Position Keys A, B, E & F



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-99020-0040 \(PDF\)](#)
- [Application Specification AS-99033-0008 \(PDF\)](#)
- [Packaging Specification PK-90871-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Comments

IDT and Solder Connectors

91716

"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."

Yes

[RAST 2.5 Connector System](#)

RAST 2.5

822350162777

RAST standard interface

Crimp Quality Equipment

Overview

Product Name

UPC

Use With

Physical

Circuits (Loaded)

5

Circuits (maximum)

5

Color - Resin

Natural (White)

Durability (mating cycles max)

10

Flammability

94V-0

Gender

Female

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

1.325/g

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



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.

Search Parts in this Series  
91716Series

Mates With  
Appli-Mate RAST 2.5 Header 90861 , 90860

Application Tooling | [FAQ](#)  
*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

| Global                                                                |            |
|-----------------------------------------------------------------------|------------|
| Description                                                           | Product #  |
| Hand Tool for Appli-Mate RAST2.5, RAST Signal, and R-Power Connectors | 0638272900 |
| RAST 2.5 Semi-Automatic Terminator Machine                            | 0623006200 |

|                               |               |
|-------------------------------|---------------|
| Number of Rows                | 1             |
| Packaging Type                | Tray          |
| Panel Mount                   | No            |
| Pitch - Mating Interface      | 2.50mm        |
| Pitch - Termination Interface | 2.50mm        |
| Plating min - Mating          | 1.016μm       |
| Plating min - Termination     | 1.016μm       |
| Polarized to Mating Part      | No            |
| Stackable                     | No            |
| Temperature Range - Operating | -20C to +120C |
| Termination Interface: Style  | IDT or Pierce |
| Wire Size AWG                 | 22, 24        |

**Electrical**

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 2A, 4A |
| Voltage - Maximum             | 32V AC |

**Material Info**

**Reference - Drawing Numbers**

|                           |               |
|---------------------------|---------------|
| Application Specification | AS-99033-0008 |
| Packaging Specification   | PK-90871-001  |
| Product Specification     | PS-99020-0040 |
| Sales Drawing             | SD-91716-001  |

This document was generated on 07/04/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[91716-1007](#)