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Part Number: [0917162501](#)
Status: **Active**
Overview: [RAST 2.5 Connector System](#)
Description: 2.50mm Pitch Appli-Mate® RAST 2.5 IDT Housing, Direct/Indirect, Female, 8 Circuits, Fully Coded

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

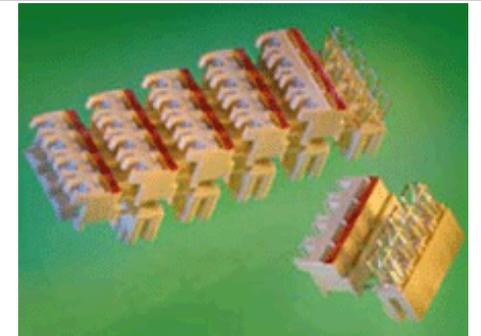
General

Product Family IDT and Solder Connectors
 Series [91716](#)
 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."

Crimp Quality Equipment Yes
 Overview [RAST 2.5 Connector System](#)
 Product Name RAST 2.5
 UPC 822348721191
 Use With RAST standard Interface

Physical

Circuits (Loaded) 8
 Circuits (maximum) 8
 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 2.144/g
 Number of Rows 1



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
 ELV

Green Image
 Not Relevant

Search Parts in this Series

[91716 Series](#)

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

| | |
|-------------------------------|---------------|
| 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 | Yes |
| Stackable | No |
| Temperature Range - Operating | -20C to +120C |
| Termination Interface: Style | IDT or Pierce |
| Wire Size AWG | 22, 24 |

Electrical

| | |
|-------------------------------|------------|
| Current - Maximum per Contact | 2.0A, 4.0A |
| Voltage - Maximum | 32V AC |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|---------------|
| Application Specification | AS-99033-0008 |
| Packaging Specification | PK-90871-001 |
| Sales Drawing | SD-91716-001 |

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