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**Part Number:** **91716-0018**  
**Status:** **Active**  
**Overview:** RAST 2.5 Connector System  
**Description:** 2.50mm Pitch Appli-Mate® RAST 2.5 IDT Housing, Direct/Indirect, Female, 3 Circuits, Removed Position Keys A & C

**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

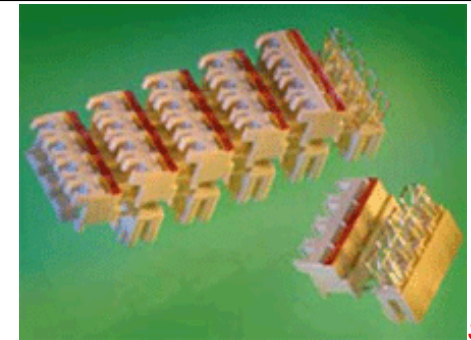
**General**

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 822350949866  
 Use With RAST standard interface

**Physical**

Circuits (Loaded) 3  
 Circuits (maximum) 3  
 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 0.731/g



Series

image - Reference only

**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 #
RAST 2.5 Semi-Automatic Terminator Machine	<a href="#">0623006200</a>
Hand Tool for Appli-Mate RAST2.5, RAST Signal, and R-Power Connectors	<a href="#">0638272900</a>

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	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

### **Material Info**

### **Reference - Drawing Numbers**

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

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