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**Part Number:** [0917162503](#)

**Status:** **Active**

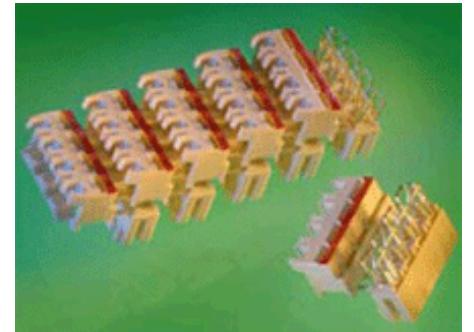
**Overview:** RAST 2.5 Connector System

**Description:** 2.50mm Pitch Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 8 Circuits, Removed Position Keys C, F, H & I

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-99020-0040-001 \(PDF\)](#)

[Application Specification 990330008-000 \(PDF\)](#)  
[Packaging Specification PK-90871-001-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)



*Series image - Reference only*

**Agency Certification**

CSA  
UL

LR19980  
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."", ""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  
Overview  
Product Name

Yes  
[RAST 2.5 Connector System](#)  
RAST 2.5

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

91716 Series

**Mates With**

Appli-Mate RAST 2.5 Header [90861](#) , [90860](#)

UPC  
Use With

822348427291  
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 Capable No  
Lock to Mating Part None  
Material - Metal Phosphor Bronze  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin Nylon  
Net Weight 2.009/g  
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 -20° to +120°C  
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-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification 990330008-000  
Packaging Specification PK-90871-001-001  
Product Specification PS-99020-0040-001  
Sales Drawing 917160001-000

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