

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0917161009](#)  
**Status:** **Active**  
**Overview:** [RAST 2.5 Connector System](#)  
**Description:** 2.50mm Pitch Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 5 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 990330008-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-90871-001-001 (PDF)</a>
<a href="#">Product Specification PS-99020-0040-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

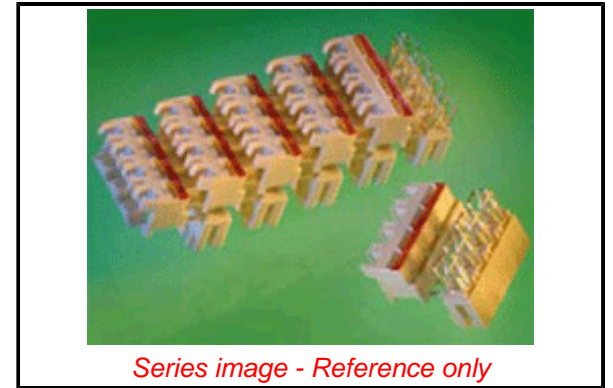
CSA	LR19980
UL	E29179

**General**

Product Family	IDT and Solder Connectors
Series	<a href="#">91716</a>
Comments	<p>""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. &lt;P&gt;&lt;P&gt; 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). &lt;P&gt; If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.""</p> <p>""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. &lt;P&gt;&lt;P&gt; 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). &lt;P&gt; If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.""</p>

Crimp Quality Equipment  
 Overview  
 Product Name  
 UPC

Yes  
[RAST 2.5 Connector System](#)  
 RAST 2.5  
 822348283989



**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

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[91716 Series](#)

**Mates With**

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

Use With RAST standard interface

**Physical**

Circuits (Loaded)	2
Circuits (maximum)	2
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	1.094/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-free Process 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

This document was generated on 05/22/2019

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[91716-1009](#)