

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

**Part Number:** [0917160001](#)  
**Status:** **Active**  
**Overview:** [RAST Connector System](#)  
**Description:** 2.50mm Pitch Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 3 Circuits, Fully Coded

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-90871-001-001 \(PDF\)](#)  
[Product Specification PS-99020-0040-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification 990330008-000 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family IDT and Solder Connectors  
 Series [91716](#)  
 Crimp Quality Equipment Yes  
 Overview [RAST Connector System](#)  
 Product Name RAST 2.5  
 Taxonomy Connector Housings  
 UPC 822348283965  
 Use With RAST Standard Interface

**Physical**

Circuits (Loaded) 3  
 Circuits (maximum) 3  
 Color - Resin Natural  
 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 0.731/g  
 Number of Rows 1  
 Packaging Type Tray  
 Panel Mount No  
 Pitch - Mating Interface 2.50mm  
 Pitch - Termination Interface 2.50mm  
 Polarized to Mating Part Yes  
 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**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**China RoHS**

**Search Parts in this Series**

[91716 Series](#)

**Mates With**

[93070](#)

**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 Power Semi-Automatic IDC Machine with R-Power Option	<a href="#">2166580100</a>
Hand Tool for Appli-Mate RAST 2.5, RAST Signal, and R-Power Connectors	<a href="#">638272900</a>

**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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