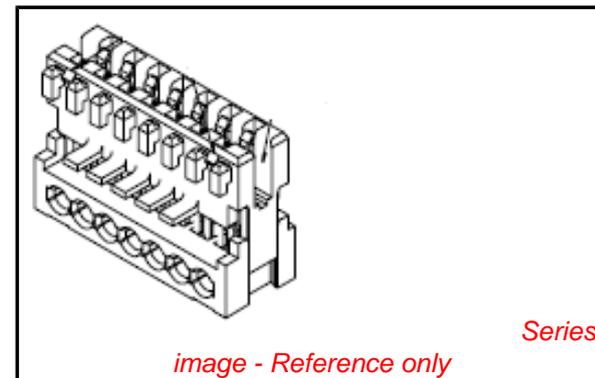


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**Part Number:** [90871-8001](#)  
**Status:** **Active**  
**Overview:** [RAST 2.5 Connector System](#)  
**Description:** 2.50mm Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 19 Circuits  
**Replacement Part Number:** [917168001](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-90871-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0040 \(PDF\)](#)



**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family IDT and Solder Connectors  
 Series [90871](#)  
 Crimp Quality Equipment Yes  
 Obsolete Date 2004/11/01  
 Overview [RAST 2.5 Connector System](#)  
 Product Name RAST 2.5  
 Replacement Part Number [917168001](#)  
 Use With RAST standard interface

**Physical**

Circuits (Loaded) 19  
 Circuits (maximum) 19  
 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 Polyester  
 Number of Rows 1  
 Packaging Type Tray  
 Panel Mount No  
 Pitch - Mating Interface 2.50mm  
 Pitch - Termination Interface 2.50mm  
 Stackable Yes  
 Temperature Range - Operating -20°C to +85°C  
 Wire Size AWG 22, 24

**Electrical**

Current - Maximum per Contact 2A  
 Voltage - Maximum 60V

**Material Info**

UPC 800754323956

**Reference - Drawing Numbers**

Packaging Specification PK-90871-001  
 Product Specification PS-99020-0040

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Reviewed**

**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**

[90871Series](#)

**Mates With**

[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 #
Manual Arbor Press,	<a href="#">0622017400</a>
RAST 2.5	

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