

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

**Part Number:** [90871-3501](#)  
**Status:** **Active**  
**Overview:** [RAST 2.5 Connector System](#)  
**Description:** 2.50mm Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 10 Circuits  
**Replacement Part Number:** [917163501](#)

**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 [917163501](#)  
 Use With RAST standard interface

**Physical**

Circuits (Loaded) 10  
 Circuits (maximum) 10  
 Color - Resin Natural  
 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  
 Plating min - Mating 1.016µm  
 Plating min - Termination 1.016µm  
 Stackable Yes  
 Temperature Range - Operating -20°C to +85°C  
 Termination Interface: Style IDT or Pierce  
 Wire Size AWG 24

**Electrical**

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

**Material Info**

UPC 800754323871

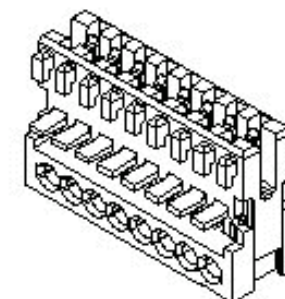


image - Reference only

Series

**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	

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-90871-001

PS-99020-0040

SD-90871-001

This document was generated on 06/28/2012

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**