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Part Number: [90871-5501](#)
Status: **Active**
Overview: [RAST 2.5 Connector System](#)
Description: 2.50mm Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 14 Circuits
Replacement Part Number: [917165501](#)

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	917165501
Use With	RAST standard interface

Physical

Circuits (Loaded)	14
Circuits (maximum)	14
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	22, 24

Electrical

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

Material Info

UPC	800754323901
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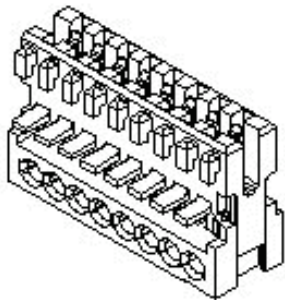


image - Reference only

Series

EU RoHS

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

China RoHS



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environmental compliance?**

Email 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, [0622017400](#)
RAST 2.5

Reference - Drawing Numbers

Packaging Specification	PK-90871-001
Product Specification	PS-99020-0040
Sales Drawing	SD-90871-001

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