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Part Number: [91716-0014](#)
Status: **Active**
Overview: [RAST 2.5 Connector System](#)
Description: 2.50mm Pitch Appli-Mate® RAST 2.5 IDT Housing, Direct/Indirect, Female, 3 Circuits, Removed Position Key B

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-99020-0040 \(PDF\)](#)
[Application Specification AS-99033-0008 \(PDF\)](#)
[Packaging Specification PK-90871-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

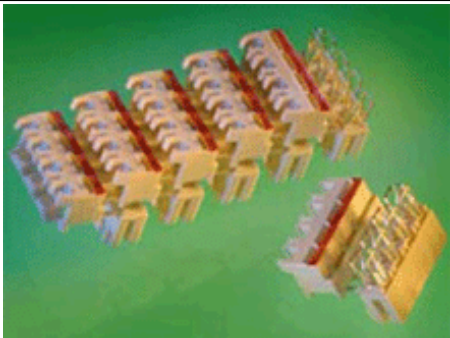
CSA LR19980
UL E29179

General

Product Family IDT and Solder Connectors
Series [91716](#)
Comments "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. <P><P> 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). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options."
Crimp Quality Equipment Yes
Overview [RAST 2.5 Connector System](#)
Product Name RAST 2.5
UPC 822348397952
Use With RAST standard interface

Physical

Circuits (Loaded) 3
Circuits (maximum) 3
Color - Resin Natural (White)
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 Nylon
Net Weight 0.731/g



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product 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
[91716Series](#)

Mates With
[Appli-Mate RAST 2.5 Header 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.

Description	Product #
Hand Tool for Appli-Mate RAST2.5, RAST Signal, and R-Power Connectors	0638272900
RAST 2.5 Semi-Automatic Terminator Machine	0623006200

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	Yes
Stackable	No
Temperature Range - Operating	-20C to +120C
Termination Interface: Style	IDT or Pierce
Wire Size AWG	22, 24

Electrical

Current - Maximum per Contact	2A, 4A
Voltage - Maximum	32V AC

Material Info

Reference - Drawing Numbers

Application Specification	AS-99033-0008
Packaging Specification	PK-90871-001
Product Specification	PS-99020-0040
Sales Drawing	SD-91716-001

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