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Part Number: [0917162016](#)

Status: **Active**

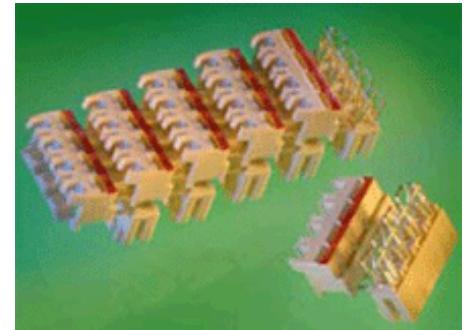
Overview: RAST 2.5 Connector System

Description: 2.50mm Pitch Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 7 Circuits, Removed Position Keys C, D, E, F & H

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-99020-0040-001 \(PDF\)](#)

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



Series image - Reference only

Agency Certification

CSA
UL

LR19980
E29179

General

Product Family
Series
Comments

IDT and Solder Connectors
[91716](#)

""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."", ""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
Overview
Product Name

Yes
[RAST 2.5 Connector System](#)
RAST 2.5

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

91716 Series

Mates With

Appli-Mate RAST 2.5 Header [90861](#) , [90860](#)

UPC
Use With

822350056199
RAST standard interface

Physical

Circuits (Loaded) 6
Circuits (maximum) 6
Color - Resin Natural (White)
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 1.704/g
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 No
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

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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Mouser Electronics

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