

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0917800501

Status:

Active

Overview:

RAST 2.5 Connector System

Description:

2.50mm Pitch Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 4 Circuits, Position Keys A & E

Documents:

3D Model

Drawing (PDF)

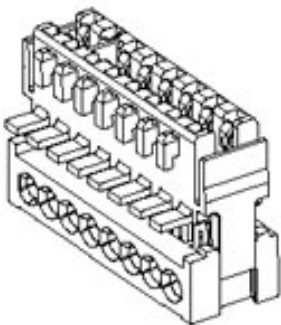
Product Specification PS-99020-0040-001 (PDF)

Application Specification 990330008-000 (PDF)

Packaging Specification PK-90871-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	IDT and Solder Connectors
Series	91780
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.""", ""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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per -ED/01/2018 (15 January 2018)

Halogen-Free

Status

Low-Halogen

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

China RoHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

91780 Series

Mates With

90860 Appli-Mate Vertical Header. 90861 Appli-Mate Right Angle Header

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 #
RAST 2.5 Semi-Automatic Terminator Machine	623006200
Hand Tool for Appli-Mate RAST 2.5, RAST Signal, and R-Power Connectors	638272900

UPC822348845989

Use WithRAST standard interface

Physical

Circuits (Loaded)4

Circuits (maximum)4

Color - ResinNatural (White)

Durability (mating cycles max)10

Flammability94V-0

GenderFemale

Glow-Wire CapableNo

Lock to Mating PartYes

Material - MetalPhosphor Bronze

Material - Plating MatingTin

Material - Plating TerminationTin

Material - ResinNylon

Net Weight1.450/g

Number of Rows1

Packaging TypeTray

Panel MountNo

Pitch - Mating Interface2.50mm

Pitch - Termination Interface2.50mm

Plating min - Mating1.016µm

Plating min - Termination1.016µm

Polarized to Mating PartYes

StackableNo

Temperature Range - Operating-20° to +120°C

Termination Interface: StyleIDT or Pierce

Wire Size AWG22, 24

Electrical

Current - Maximum per Contact2.0A, 4.0A

Voltage - Maximum32V AC

Material Info

Reference - Drawing Numbers

Application Specification990330008-000

Packaging SpecificationPK-90871-001-001

Product SpecificationPS-99020-0040-001

Sales Drawing917800001-000, SD-92339-001

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

91780-0501