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Part Number:

0917162502

Status:

Active

Overview:

RAST 2.5 Connector System

Description:

2.50mm Pitch Appli-Mate® RAST 2.5 IDT Housing, Direct/Indirect, Female, 8 Circuits, Polarizing Rib Between Circuits 3 & 4

Documents:

3D Model

Drawing (PDF)

Application Specification AS-99033-0008 (PDF)

Packaging Specification PK-90871-001 (PDF)

RoHS Certificate of Compliance (PDF)

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."

Yes

RAST 2.5 Connector System

RAST 2.5

822350421959

RAST standard interface

Crimp Quality Equipment

Overview

Product Name

UPC

Use With

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Gender

Glow-Wire Compliant

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

8

8

Natural (White)

10

94V-0

Female

No

None

Phosphor Bronze

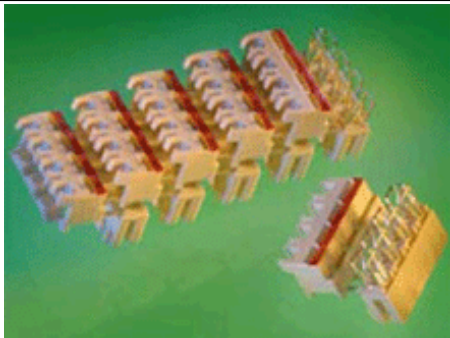
Tin

Tin

Nylon

2.144/g

1



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

91716 Series

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.

Global

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

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	2.0A, 4.0A
Voltage - Maximum	32V AC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-99033-0008
Packaging Specification	PK-90871-001
Sales Drawing	SD-91716-001

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