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Part Number:

91716-1009

Status:

Active

Overview:

RAST 2.5 Connector System

Description:

2.50mm Pitch Appli-Mate® RAST 2.5 IDT Housing, Direct/Indirect, Female, 5 Circuits

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

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

822348283989

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

2

2

Natural (White)

10

94V-0

Female

No

None

Phosphor Bronze

Tin

Tin

Nylon

1.094/g

1

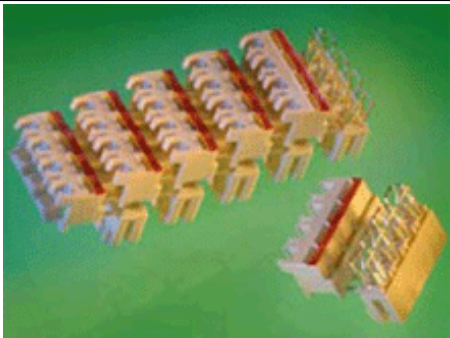


image - Reference only

Series

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.

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

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	-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

This document was generated on 06/27/2014

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Authorized Distributor

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Molex:

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