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Part Number: **91716-3501**

Status: **Active**

Overview: RAST 2.5 Connector System

Description: 2.50mm Pitch Appli-Mate® RAST 2.5 IDT Housing, Direct/Indirect, Female, 10 Circuits, Fully Coded

Documents:
3D Model
Drawing (PDF)
Application Specification AS-99033-0008 (PDF)

Packaging Specification PK-90871-001 (PDF)
RoHS Certificate of Compliance (PDF)

Series image - Reference only

Agency Certification
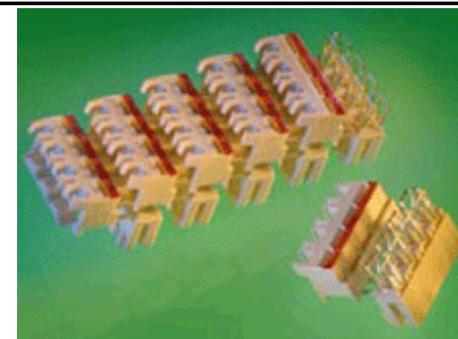|	
CSA	LR19980
UL	E29179

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	822348386406
Use With	RAST standard Interface

Physical
Circuits (Loaded)	10
Circuits (maximum)	10
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	2.468/g

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
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 #
RAST 2.5 Semi-Automatic Terminator Machine	0623006200
Hand Tool for Appli-Mate RAST2.5, RAST Signal, and R-Power Connectors	0638272900

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	2.0A, 4.0A
Voltage - Maximum	32V AC

Material Info

Reference - Drawing Numbers

Application Specification	AS-99033-0008
Packaging Specification	PK-90871-001
Sales Drawing	SD-91716-001

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