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Part Number: **0919540005**

Status: **Active**

Overview: RAST 5 Connector System

Description: 5.00mm Pitch Appli-Mate RAST 5 IDT Connector System Female Receptacle, 4A, 2 Circuit, Natural, Coding Key d20, Latch Position 1/2, Position Keys 1a, 2b, 0.38µm Square Terminal
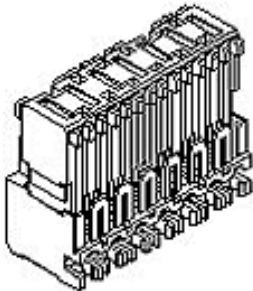
Documents:
3D Model
Drawing (PDF)
Product Specification PS-99020-0037-001 (PDF)

Packaging Specification PK-90833-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

Series image - Reference only

Agency Certification
CSA   LR19980
UL   E29179

General
Product Family   IDT and Solder Connectors
Series   91954
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.""",
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Crimp Quality Equipment   Yes
Overview   RAST 5 Connector System

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per
-ED/88/2018 (15
January 2019)
Halogen-Free
Status
Not 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
91954 Series

Mates With
Appli-Mate RAST 5 Header 90858 , 90879

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   638276300
Appli-Mate RAST 5
Connectors

Product Name	RAST 5
UPC	883906158248

Physical

Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural (White)
Durability (mating cycles max)	10
Flammability	94V-2
Gender	Female
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	3.436/g
Number of Rows	1
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	5.00mm
Pitch - Termination Interface	5.00mm
Plating min - Mating	5.080μm
Plating min - Termination	5.080μm
Polarized to Mating Part	Yes
Stackable	Yes
Temperature Range - Operating	-20° to +120°C
Termination Interface: Style	IDT or Pierce
Wire Size AWG	21, 24

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	250V

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-90833-001-001
Product Specification	PS-99020-0037-001
Sales Drawing	919540001-000