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Part Number: [0919990499](#)
Status: **Active**
Overview: [RAST Connector System](#)
Description: Appli-Mate RAST 5 Header, Vertical, 2 Circuits, Silver (Ag) Plating, Glow-Wire Capable

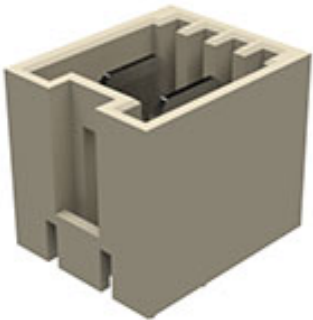
Documents:
[3D Model \(PDF\)](#) [Product Specification PS-99020-0037-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-90858-001-001 \(PDF\)](#)
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
CSA LR19980
UL E29179

Application tooling part link
Application Tooling Part Link 216658-0200

General
Product Family PCB Headers
Series [91999](#)
Application Power, Wire-to-Board
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."*****
[RAST Connector System](#)
Overview RAST 5
Product Name 822350959247
UPC

Physical
Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
Color - Resin Natural
Durability (mating cycles max) 10
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Capable Yes
Guide to Mating Part No
Keying to Mating Part Yes
Lock to Mating Part No
Material - Metal Brass
Material - Plating Mating Silver



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
D(2021)4569-DC (8
July 2021)
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
[91999 Series](#)

Mates With
Appli-Mate RAST 5 IDT Housing [91778](#) ,
[91779](#)

Use With
RAST Standard Interface

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 5 Power	2166580200
Semi-Automatic IDC Machine	

Material - Resin	Nylon
Net Weight	2.700/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.90mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.40mm
Packaging Type	Bag
Pitch - Mating Interface	5.00mm
Pitch - Termination Interface	5.00mm
Plating min - Mating	2.032μm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20° to +120°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	16.0A
Voltage - Maximum	250V AC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Engineering Number	WITH ZYTEL RM
Reference - Drawing Numbers	
Packaging Specification	PK-90858-001-001
Product Specification	PS-99020-0037-001

This document was generated on 12/27/2021

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