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Part Number: [0917790111](#)
Status: **Active**
Overview: [RAST 5 Connector System](#)
Description: 5.00mm Pitch Appli-Mate RAST 5 IDT Housing, Indirect, Female, 16 Amp, 3 Circuit, Position Keys 2b, 3a, Code Keys d10, d30

Documents:

3D Model	Application Specification AS-99033-0004-001 (PDF)
Drawing (PDF)	Packaging Specification PK-90833-001-001 (PDF)
Product Specification PS-99020-0037-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

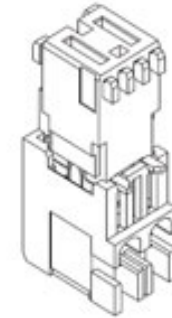
CSA	LR19980
UL	E29179

General

Product Family	IDT and Solder Connectors
Series	91779
Comments	<p>""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.""</p> <p>""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.""</p>

Crimp Quality Equipment
 Overview
 Product Name

Yes
[RAST 5 Connector System](#)
 RAST 5



Series image - Reference only

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[91779](#) Series

Mates With

[90858](#) RAST Vertical Header,

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 Semi-Automatic Terminator Machine for 12 and 16 AMP Hand Tool for Appli-Mate RAST 5 Connectors	623006100
	638276300

UPC	883906038847
Use With	RAST standard interface
Physical	
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural (White)
Durability (mating cycles max)	10
Flammability	94V-2
Gender	Female
Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Silver
Material - Plating Termination	Silver
Material - Resin	Nylon
Net Weight	4.079/g
Number of Rows	1
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	5.00mm
Pitch - Termination Interface	5.00mm
Plating min - Mating	2.032µm
Plating min - Termination	0.102µm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-20° to +120°C
Termination Interface: Style	IDT or Pierce
Wire Size AWG	16
Electrical	
Current - Maximum per Contact	16.0A
Voltage - Maximum	250V AC
Solder Process Data	
Lead-free Process Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-99033-0004-001
Packaging Specification	PK-90833-001-001
Product Specification	PS-99020-0037-001
Sales Drawing	917790001-000

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