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Part Number: **0917780005**
Status: **Active**
Overview: RAST 5 Connector System
Description: 5.00mm Appli-Mate RAST 5 IDT Housing, Indirect, Female, 10 Amp, 2 Circuit, Position Keys 1a, 2b, Code Key d20, Reference K05

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

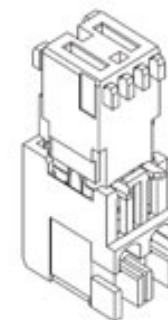
CSA	LR19980
UL	E29179

General

Product Family	IDT and Solder Connectors
Series	91778
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

[91778](#) 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 6 and 10 AMP Hand Tool for Appli-Mate RAST 5 Connectors	623006300
	638276300

UPC 822350059763
Use With RAST standard interface

Physical

Circuits (Loaded) 2
Circuits (maximum) 2
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 Tin
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 2.594/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 No
Temperature Range - Operating -20° to +120°C
Termination Interface: Style IDT or Pierce
Wire Size AWG 18, 20

Electrical

Current - Maximum per Contact 10.0A
Voltage - Maximum 250V AC

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 917780001-000

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