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Part Number: [0908350038](#)
Status: **Active**
Overview: RAST 5 Connector System
Description: 5.00mm Pitch Appli-Mate RAST 5 IDT Connector System Female Receptacle, 16A, 2 Circuit, Purple Red, Coding Keys 01c, d20, Latch Position 1/2, Position Keys 2b

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	90835
Comments	Female Indirect Receptacle Reference K15, Female Indirect Receptacle Reference K15
Crimp Quality Equipment	Yes
Overview	RAST 5 Connector System
Product Name	RAST 5
UPC	800753651029
Use With	RAST standard interface

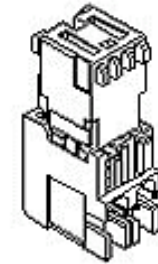
Physical

Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural
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	Silver
Material - Plating Termination	Silver
Material - Resin	Nylon
Net Weight	3.044/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	Yes
Temperature Range - Operating	-20° to +120°C
Termination Interface: Style	IDT or Pierce
Wire Size AWG	16 Stranded, 18

Electrical

Current - Maximum per Contact	16.0A
Voltage - Maximum	250V AC

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

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

[90835](#) Series

Mates With

[90858](#) Header, [90879](#) 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 #
Manual Arbor Press, RAST 5	622017500
RAST 5 Power Semi-Automatic Terminator Machine for 12 and 16 AMP	623006100
Hand Tool for Appli-Mate RAST 5 Connectors	638276300

Reference - Drawing Numbers

Application Specification

AS-99033-0004-001

Packaging Specification

PK-90833-001-001

Product Specification

PS-99020-0037-001

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