

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0908351251](#)  
**Status:** **Active**  
**Overview:** RAST 5 Connector System  
**Description:** 5.00mm Pitch Appli-Mate RAST 5 IDT Connector System Female Receptacle, 16A, 4 Circuit, Natural, Coding Keys ALL, Latch Position 1/2 3/4, Position Coding All

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-99033-0004-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-90833-001-001 (PDF)</a>
<a href="#">Product Specification PS-99020-0037-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	IDT and Solder Connectors
Series	<a href="#">90835</a>
Comments	Female Indirect Receptacle Reference K00, Female Indirect Receptacle Reference K00
Crimp Quality Equipment	Yes
Overview	<a href="#">RAST 5 Connector System</a>
Product Name	RAST 5
UPC	800753649279
Use With	RAST standard interface

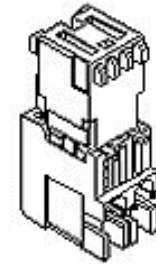
**Physical**

Circuits (Loaded)	4
Circuits (maximum)	4
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	6.026/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/88/2018 (15  
January 2019)

**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	<a href="#">622017500</a>
RAST 5 Power Terminator Machine for 12 and 16 AMP	<a href="#">623006100</a>
Hand Tool for Appli-Mate RAST 5 Connectors	<a href="#">638276300</a>

**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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