

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0913380102

Status:

Active

Overview:

rast_5_connector_system

Description:

5.00mm (.197") Pitch Appli-Mate RAST 5 Female Connector, Vertical, 1 Circuit, Natural, Tin (Sn) Plating, Reference K02

Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0037 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

IDT and Solder Connectors

Series

91338

Crimp Quality Equipment

Yes

Overview

rast_5_connector_system

Product Name

RAST 5

Physical

Circuits (Loaded)

1

Color - Resin

Natural

Durability (mating cycles max)

10

Flammability

94V-2

Gender

Female

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Number of Rows

1

Packaging Type

Tray

Panel Mount

No

Pitch - Mating Interface (in)

0.197 In

Pitch - Mating Interface (mm)

5.00 mm

Plating min: Mating (µin)

200

Plating min: Mating (µm)

5

Plating min: Termination (µin)

200

Plating min: Termination (µm)

5

Stackable

Yes

Temperature Range - Operating

-20°C to +85°C

Termination Interface: Style

IDT or Pierce

Wire Size AWG

18, 20

Electrical

Current - Maximum per Contact

10A, 6A

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers

Application Specification

AS-99033-0004

Product Specification

PS-99020-0037

Sales Drawing

SD-91338-006

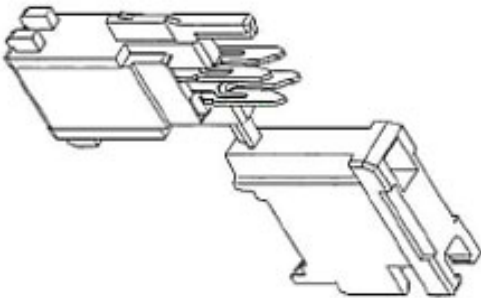


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

91338Series

Mates With

Appli-Mate RAST 5.0 Header 90858 , 90879

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 5.0 Semi-Automatic Terminator Machine for Appli-Mate™ Connector 6 and 10 AMP	0623006300
Manual Arbor Press, RAST 5.0	0622017500

This document was generated on 05/27/2010

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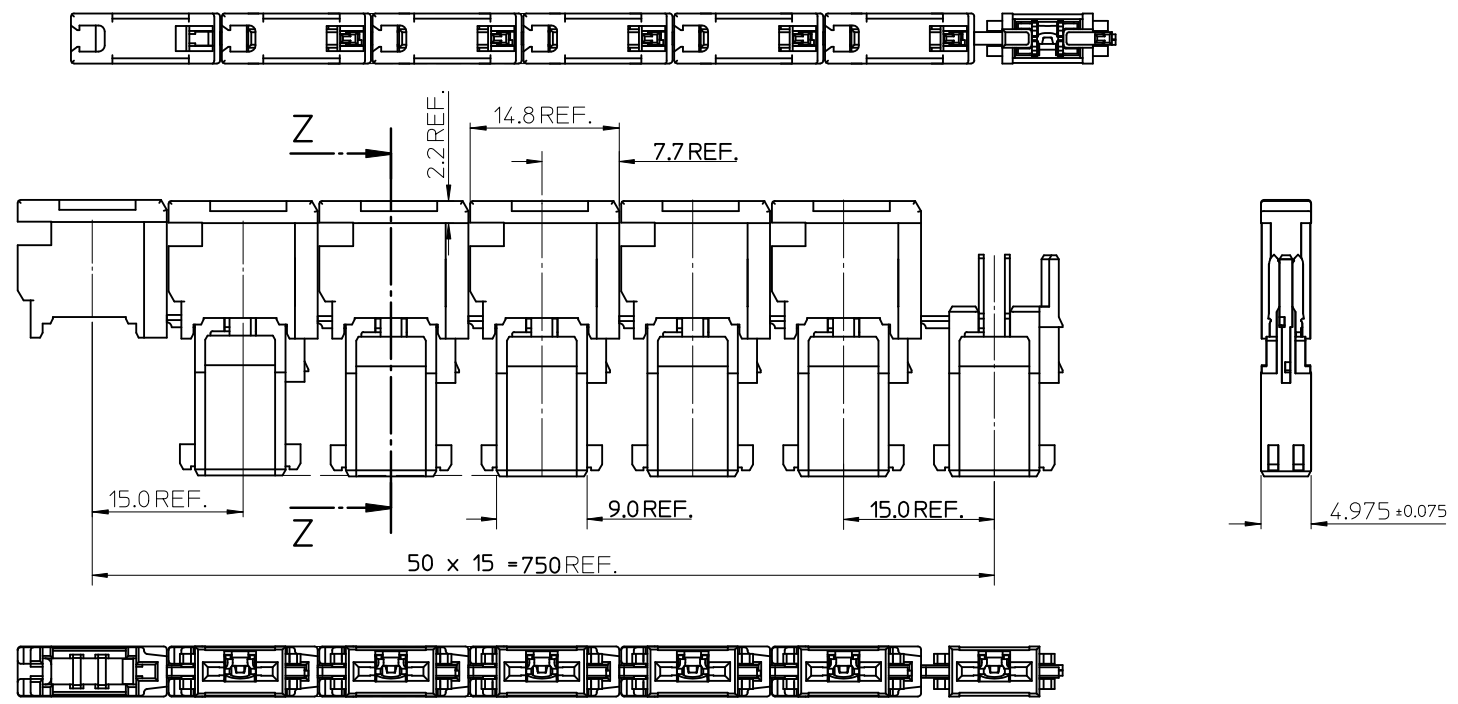
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LOCKING TAB

Z-Z

NOTES:

1. MATERIALS:
HOUSING: POLYAMIDE (PA66) UL 94V-2
TERMINAL: COPPER ALLOY, 0.5 REF THICK
PLATING:
OPTION 1: 5um MIN PURE Sn ALL OVER
OR
OPTION 2: 2um MIN SILVER IN CONTACT AREA
0.05um MIN SILVER FLASH ALLOVER
2. PRODUCT CONFORMS TO SPECIFICATION PS-99020-0037
3. PACKAGING SPECIFICATION PK-90833-001
4. REFER TO APPLICATION SPECIFICATION AS-99033-0004

plating flash change EC NO: E2010-0213 DRWN:BRUTLE 2010/01/08 CHKD:T. TOURISH 2010/01/19 APPR:BMAGUIRE 2010/01/19 REV H	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY CCONLON	DATE 1999/06/28	TITLE 5MM APPLI-MATE 1CKT 10A FEMALE CONNECTOR		
			4 PLACES	± ---	± ---	CHECKED BY PWHITE	DATE 1999/06/28			
			3 PLACES	± ---	± ---					
			2 PLACES	± 0.05	± ---					
			1 PLACE	± 0.10	± ---	APPROVED BY MWHITE	DATE 1999/07/01	MOLEX INCORPORATED		
			ANGULAR ± 2 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO. 1 OF 2
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-91338-006			
	REV		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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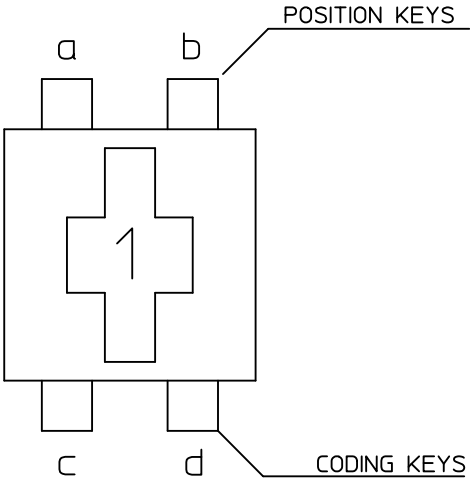
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MOLEX PART NUMBER (See Note 3.)	TERMINAL (see Note 1 sheet1)	COLOUR	POSITION KEYS	CODING KEYS	CONFIGURATION	REF				
91338-0102	OPTION 1 (TIN)	NATURAL	b	c d		K02				
91338-3102	OPTION 2 (SILVER)									
91338-0103	OPTION 1 (TIN)	NATURAL	NONE	NONE		K12				
91338-3103	OPTION 2 (SILVER)									
91338-0403	OPTION 1 (TIN)	BLUE	a	c d		K03				
91338-3403	OPTION 2 (SILVER)									
91338-0601	OPTION 1 (TIN)	YELLOW	a b	d		K01				
91338-3601	OPTION 2 (SILVER)									
91338-0501	OPTION 1 (TIN)	GREY								
91338-3501	OPTION 2 (SILVER)									
91338-0801	OPTION 1 (TIN)	BLACK								
91338-3801	OPTION 2 (SILVER)									
91338-0104	OPTION 1 (TIN)	NATURAL					NONE	c		K11
91338-3104	OPTION 2 (SILVER)									
91338-0105	OPTION 1 (TIN)	NATURAL	a	c		K09				
91338-3105	OPTION 2 (SILVER)									
91338-0507	OPTION 1 (TIN)	GREY	a b	c		K07				
91338-3507	OPTION 2 (SILVER)									
91338-0607	OPTION 1 (TIN)	YELLOW								
91338-3607	OPTION 2 (SILVER)									
91338-0700	OPTION 1 (TIN)	GREEN	a b	c d		K00				
91338-3700	OPTION 2 (SILVER)									



POSITION & CODING KEYS IDENTIFICATION

SEE SHEET 1 EC NO: E2010-0213 DRWN:BRUTLE 2010/01/08 CHKD:T. TOURISH 2010/01/19 APPR:BMAGUIRE 2010/01/19	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
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			4 PLACES	± ---	± ---	CHECKED BY P/WHITE					DATE 1999/06/28
			3 PLACES	± ---	± ---	APPROVED BY M/WILHITE	DATE 1999/07/01	MOLEX MOLEX INCORPORATED			
			2 PLACES	± 0.05	± ---	MATERIAL NO. SEE CHART					
1 PLACE	± 0.10	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

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