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Part Number: [0913380103](#)
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 K12

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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
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

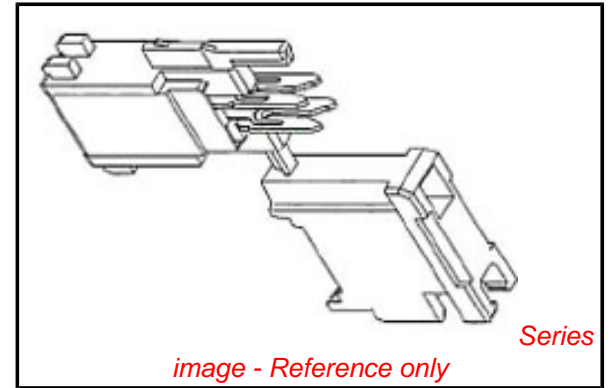
Electrical

Current - Maximum per Contact	10A, 6A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-91338-006
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EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Halogen-Free Status

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

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10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

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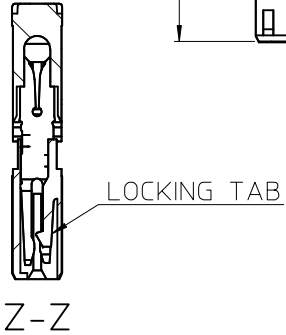
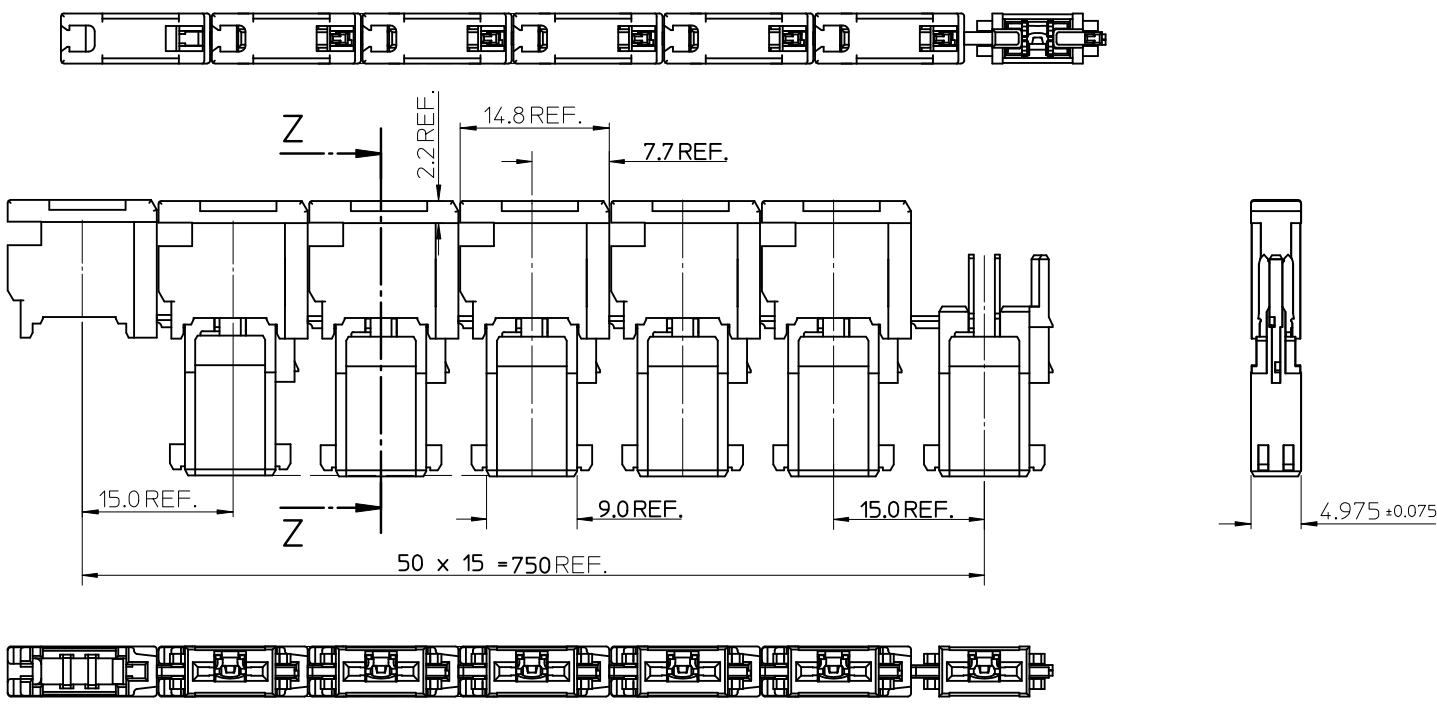
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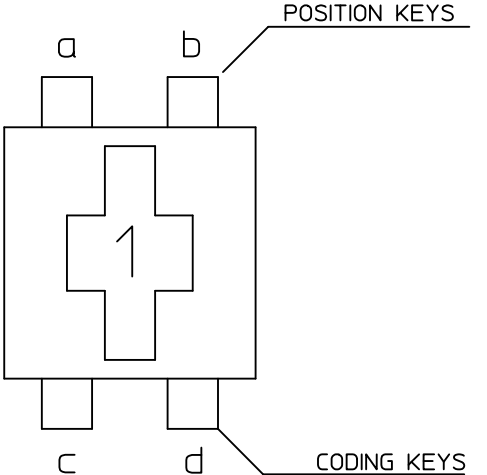
NOTES:

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

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

9 8 7 6 5 4 3 2 1

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: E2010-02/13 DRW: BRUTTE 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
		4 PLACES ± --- ± ---	DRAWN BY CCONLON	DATE 1999/06/28	TITLE 5MM APPLI-MATE 1CKT 10A FEMALE CONNECTOR			
		3 PLACES ± --- ± ---	CHECKED BY PWHITE	DATE 1999/06/28				
		2 PLACES ± 0.05 ± ---	APPROVED BY MWILHITE	DATE 1999/07/01	MOLEX INCORPORATED DOCUMENT NO. SD-91338-006			
1 PLACE ± 0.10 ± ---	MATERIAL NO. SEE CHART		SHEET NO. 2 OF 2					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			