

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0913383403
Status: Active
Overview: rast_5_connector_system
Description: 5.00mm (.197") Pitch Appli-Mate RAST 5 Female Connector, Vertical, 1 Circuit, Blue, Silver (Ag) Plating, Reference K03

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-99020-0037 \(PDF\)](#)
[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 Blue
Durability (mating cycles max) 10
Gender Female
Glow-Wire Compliant No
Lock to Mating Part None
Material - Metal Phosphor Bronze
Material - Plating Mating Silver
Material - Plating Termination Silver
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) 80
Plating min: Mating (µm) 2
Plating min: Termination (µin) 4
Plating min: Termination (µm) .10
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

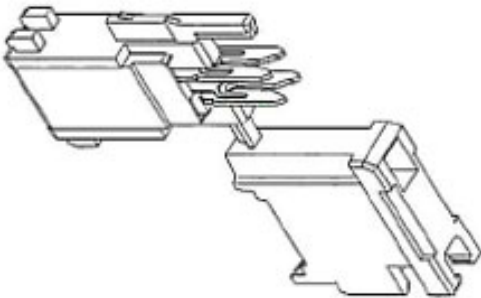


image - Reference only

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

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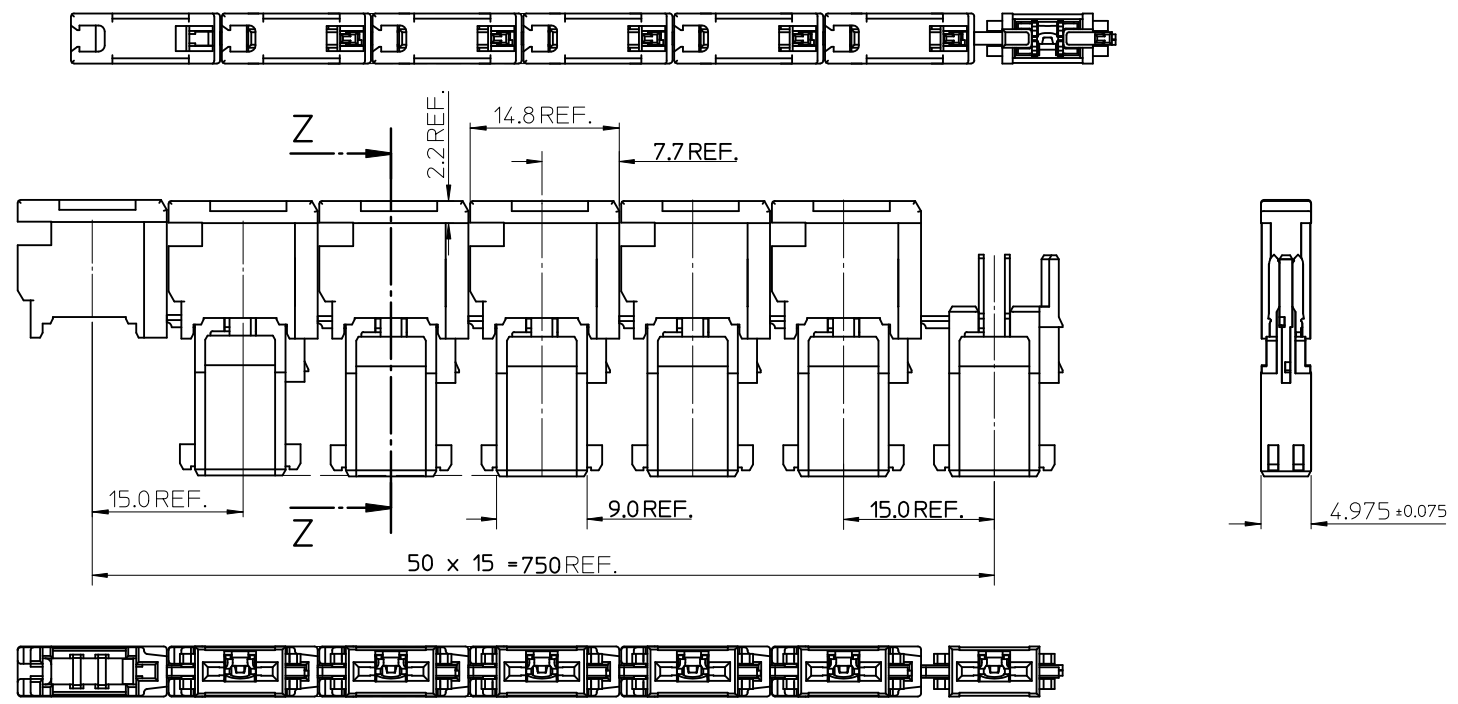
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LOCKING TAB

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

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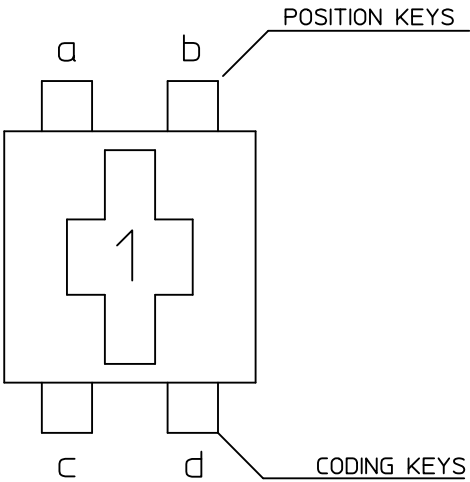
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MOLEX PART NUMBER (See Note 3.)	TERMINAL (see Note 1 sheet1)	COLOUR	POSITION KEYS	CODING KEYS	CONFIGURATION	REF				
91338-0102	OPTION 1 (TIN)	NATURAL	b	c d		K02				
91338-3102	OPTION 2 (SILVER)									
91338-0103	OPTION 1 (TIN)	NATURAL	NONE	NONE		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	5MM APPLI-MATE 1CKT 10A FEMALE CONNECTOR		
			4 PLACES 3 PLACES 2 PLACES 1 PLACE	mm	INCH	DRAWN BY CCONLON	DATE 1999/06/28	TITLE				
				± ---	± ---	CHECKED BY PWHITE	DATE 1999/06/28					
				± 0.05	± ---	APPROVED BY	DATE					
				± 0.10	± ---	MWILHITE	1999/07/01					
			ANGULAR ± 2 °		MATERIAL NO.		DOCUMENT NO.					SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-91338-006					2 OF 2
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