

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0930716001](#)
Status: **Active**
Overview: [rast_25_connector_system](#)
Description: 5.00mm (.197") Pitch Appli-Mate RAST 2.5 Header, Vertical, 8 Circuits, Reference K00, Glow Wire Compatible

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [93071](#)
Application Wire-to-Board
Overview [rast_25_connector_system](#)
Product Name RAST 2.5

Physical

Breakaway No
Circuits (Loaded) 8
Circuits (maximum) 8
Color - Resin Natural
Durability (mating cycles max) 10
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant Yes
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 1
Orientation Vertical
PCB Thickness Recommended (in) 0.059 In
PCB Thickness Recommended (mm) 1.50 mm
Packaging Type Carton
Pitch - Mating Interface (in) 0.196 In
Pitch - Mating Interface (mm) 5.00 mm
Polarized to PCB Yes
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -20C TO +120C
Termination Interface: Style Through Hole

Electrical

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

Material Info

Reference - Drawing Numbers

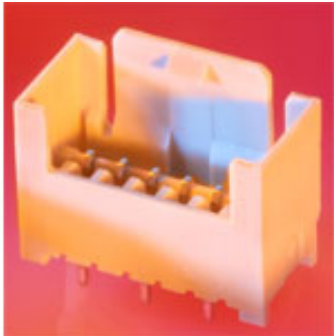


image - Reference only

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](#)

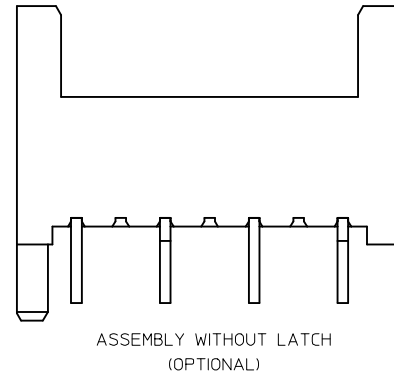
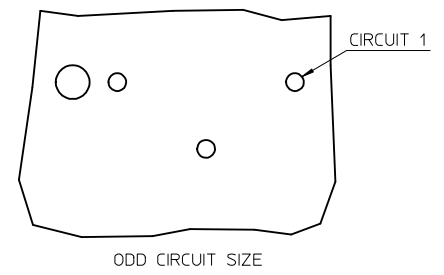
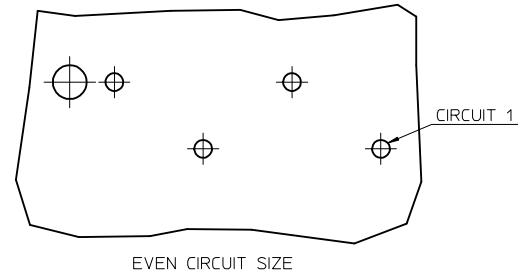
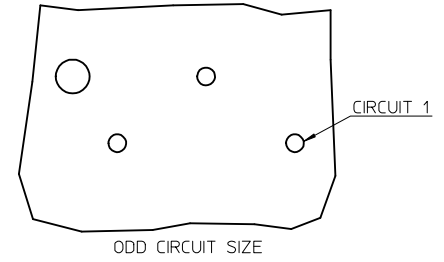
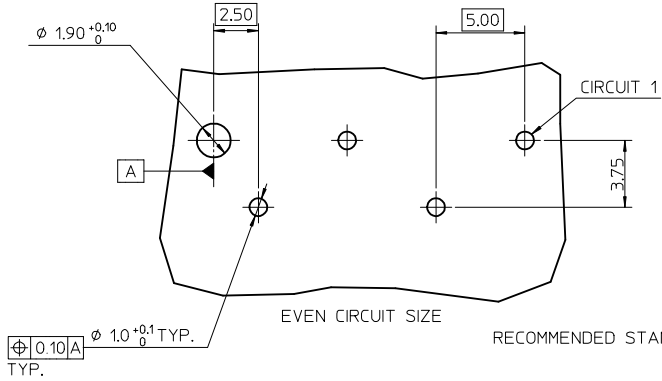
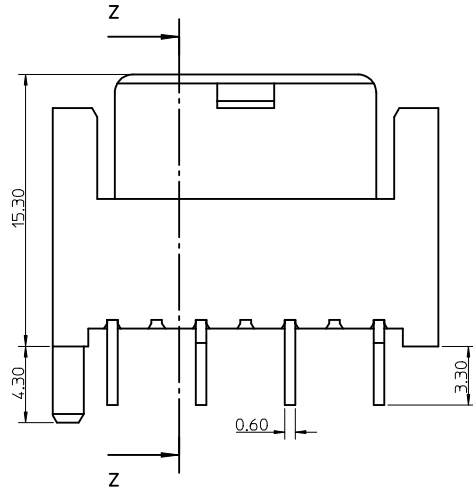
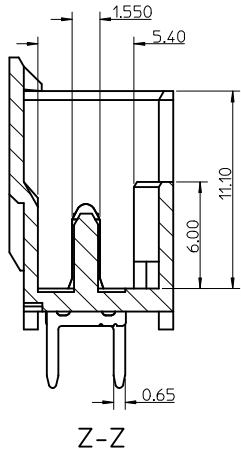
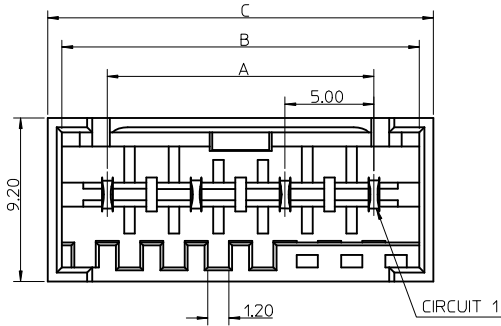
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[93071Series](#)

This document was generated on 05/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

CCT	A	B	C
2	5.0	10.1	11.7
3	10.0	15.1	16.7
4	15.0	20.1	21.7
5	20.0	25.1	26.7
6	25.0	30.1	31.7
7	30.0	35.1	36.7
8	35.0	40.1	41.7



NOTES:

1. MATERIAL: HOUSING - PA66 25% G/F, UL94 V-0
COLOUR: NATURAL
TERMINAL - BRASS
PLATING - 3-7um Sn over 1.27um Min Ni
2. PARTS PACKED AS PER PK-93070-001
3. PRODUCT SPECIFICATION: PS-99039-0040
4. RECOMMENDED PCB THICKNESS: 1.5+/-0.14mm

ADD PART NUMBERS		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: E2010-0124		DRAWN: T. TOURISH		mm		MM ONLY		5:1		METRIC		THIRD ANGLE PROJECTION	
2009/10/07		2009/10/07		INCH		DRAWN BY		DATE		TITLE		RAST 2.5 APPLI-MATE	
CHKO: BRITTLE		2009/10/08		4 PLACES ± ---		T. TOURISH		2008/03/18		VERTICAL MALE HEADER		5MM PITCH	
APPR: BMAGUIRE		2009/10/08		3 PLACES ± 0.05		CHECKED BY		DATE		MOLEX INCORPORATED		SHEET NO.	
				2 PLACES ± 0.10		BRITTLE		2008/03/18		DOCUMENT NO.		1 OF 2	
				1 PLACE ± 0.20		APPROVED BY		DATE					
				ANGULAR ± 2 °		BMAGUIRE		2008/03/18					
				DRAFT WHERE APPLICABLE		MATERIAL NO.							
				MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2							
						SIZE A2							

2 CIRCUIT					
MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 POSITION
93071-0001	NONE	2		YES	STANDARD
93071-0002	d	2		YES	STANDARD
93071-0003	b	2		YES	STANDARD
93071-0004	b d	2		YES	STANDARD
93071-0005	a c	2		YES	STANDARD
93071-0006	a d	2		YES	STANDARD
93071-0007	a	2		YES	STANDARD
93071-0008	a b	2		YES	STANDARD
93071-0009	b c	2		YES	STANDARD
93071-0010	c d	2		YES	STANDARD
93071-0011	a b c	2		YES	STANDARD
93071-0012	a c d	2		YES	STANDARD
93071-0013	b c d	2		YES	STANDARD
93071-0014	ALL	2		YES	STANDARD

3 CIRCUIT					
MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 POSITION
93071-1001	NONE	2, 4		YES	STANDARD
93071-1002	a c d e	2, 4		YES	STANDARD
93071-1003	b c d e	2, 4		YES	STANDARD
93071-1004	c	2, 4		YES	STANDARD
93071-1005	d e f	2, 4		YES	STANDARD

4 CIRCUIT					
MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 POSITION
93071-2001	NONE	2, 4, 6		YES	STANDARD
93071-2002	b c d e f h	2, 4, 6		YES	STANDARD
93071-2003	b c d e f g	2, 4, 6		YES	STANDARD
93071-2004	b c d f	2, 4, 6		YES	STANDARD

5 CIRCUIT					
MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 POSITION
93071-3001	NONE	2, 4, 6, 8		YES	STANDARD

6 CIRCUIT					
MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 POSITION
93071-4001	NONE	2 4 6 8 10		YES	STANDARD

7 CIRCUIT					
MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 POSITION
93071-5001	NONE	2 4 6 8 10 12		YES	STANDARD

8 CIRCUIT					
MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 POSITION
93071-6001	NONE	2 4 6 8 10 12 14		YES	STANDARD

SEE SHEET 1	2009/10/07 2009/10/08 2009/10/08	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm		INCH		DRAWN BY TOURISH		DATE 2008/03/18	RAST 2.5 APPLI-MATE VERTICAL MALE HEADER 5MM PITCH MOLEX INCORPORATED
			4 PLACES ± .0005 ± .0005		CHECKED BY BRUTTLE		DATE 2008/03/18			
			3 PLACES ± .005 ± .005		APPROVED BY BMAGUIRE		DATE 2008/03/18			
			2 PLACES ± .010 ± .010		MATERIAL NO.		DOCUMENT NO.			
	1 PLACE ± .020 ± .020		SEE CHARTS		SD-93071-001		SHEET NO. 2 OF 2			
	ANGULAR ± 2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	DRAWING: TOURISH CHKD: BRUTTLE APPR: BMAGUIRE		EC NO: E2010-0024							
	REV									