

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0930710001

Status:

Active

Overview:

RAST 2.5 Connector System

Description:

5.00mm (.197") Pitch Appli-Mate RAST 2.5 Header, Vertical, 2 Circuits, Reference K00, Glow Wire Compatible

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

93071

Application

Wire-to-Board

Overview

RAST 2.5 Connector System

Product Name

RAST 2.5

Physical

Breakaway

No

Circuits (Loaded)

2

Circuits (maximum)

2

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

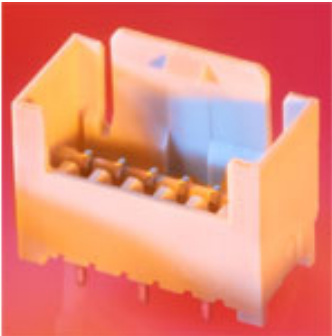


image - Reference only

Series

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Halogen-Free

China RoHS



Need more information on product
environmental compliance?

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

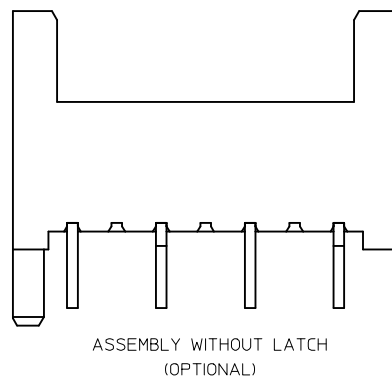
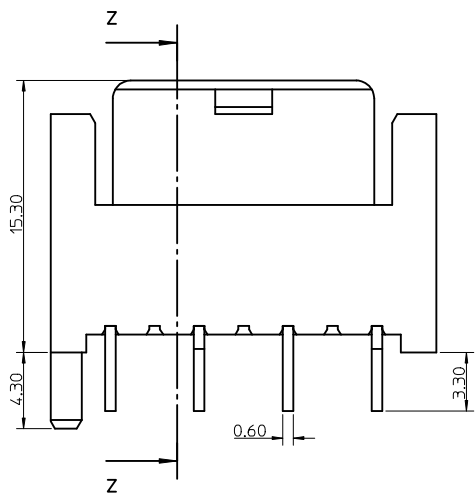
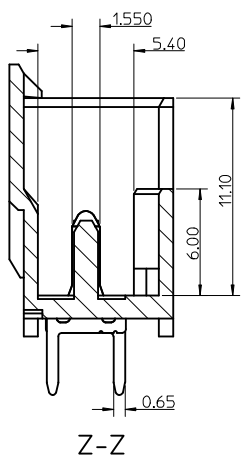
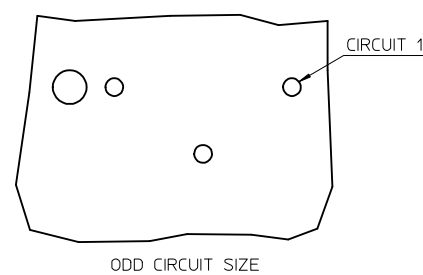
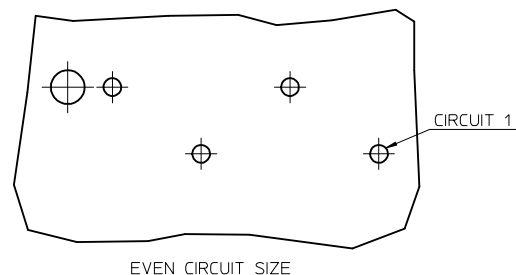
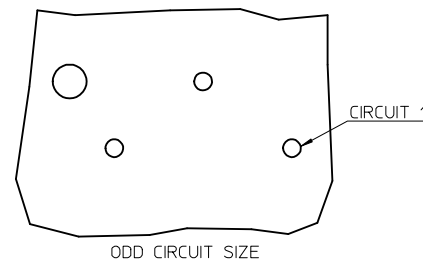
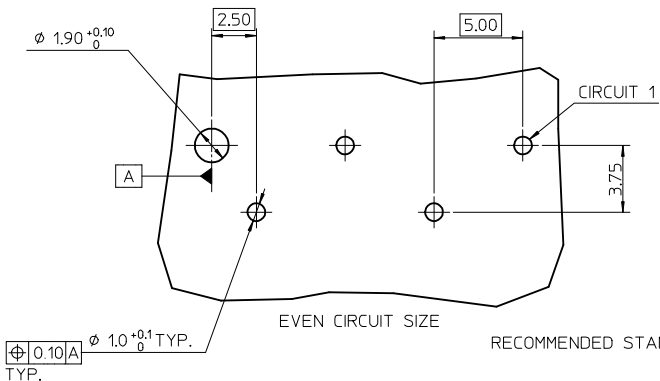
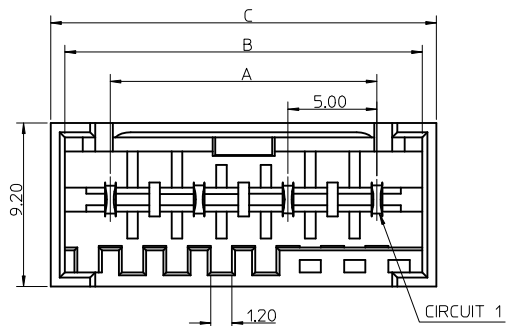
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
93071Series

This document was generated on 05/28/2010

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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	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
EC NO: E2010-0124	DRWN:TT0URISH			mm	INCH	MM ONLY	DATE	5:1	METRIC			
D	2009/10/07	▽=0		4 PLACES	± ---	± ---	TTOURISH	2008/03/18	TITLE	RAST 2.5 APPLI-MATE VERTICAL MALE HEADER 5MM PITCH		
	2009/10/08	▽=0		3 PLACES	± 0.05	± ---	CHECKED BY	DATE				
			2 PLACES	± 0.10	± ---	BRUTLE	2008/03/18					
			1 PLACE	± 0.20	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED				
			ANGULAR ± 2 °		BMAGUIRE	2008/03/18						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		DOCUMENT NO.		SHEET NO.		
						SIZE A2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					1 OF 2
							SD-93071-001					

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 EC NO: E2010-0024 DRAWN: TOURISH CHKD: BRUTTLE APPR: BMAGUIRE	DESCRIPTION REV	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	
			4 PLACES		± .0005		CHECKED BY BRUTTLE		DATE 2008/03/18	
			3 PLACES		± .005		APPROVED BY BMAGUIRE		DATE 2008/03/18	
			2 PLACES		± .010		MATERIAL NO.		DOCUMENT NO.	
			1 PLACE		± .020		SEE CHARTS		SD-93071-001	
			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	
								SHEET NO. 2 OF 2		