

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0916273001

Status:

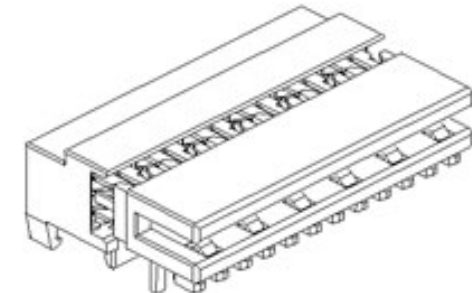
Active

Overview:

[rast\\_power\\_connector](#)

Description:

5.00mm (.197") Pitch Appli-Mate® RAST Power IDT Housing, Direct/Indirect, Female, 5 Circuits, Glow Wire Compatible, Fully Coded, Open End Walls



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-91627-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

General

|                         |                                      |
|-------------------------|--------------------------------------|
| Product Family          | IDT and Solder Connectors            |
| Series                  | 91627                                |
| Crimp Quality Equipment | Yes                                  |
| Overview                | <a href="#">rast_power_connector</a> |
| Product Name            | RAST 5                               |
| Use With                | RAST standard interface              |

Physical

|                                |                              |
|--------------------------------|------------------------------|
| Circuits (Loaded)              | 5                            |
| Circuits (maximum)             | 5                            |
| Color - Resin                  | Natural (White)              |
| Durability (mating cycles max) | 10                           |
| Flammability                   | 94V-2                        |
| Gender                         | Female                       |
| Glow-Wire Compliant            | Yes                          |
| Lock to Mating Part            | None                         |
| Material - Metal               | High Performance Alloy (HPA) |
| 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                      |
| Pitch - Term. Interface (in)   | 0.197 In                     |
| Pitch - Term. Interface (mm)   | 5.00 mm                      |
| Plating min: Mating (µin)      | 32                           |
| Plating min: Mating (µm)       | 0.80                         |
| Plating min: Termination (µin) | 32                           |
| Plating min: Termination (µm)  | 0.80                         |
| Polarized to Mating Part       | Yes                          |
| Stackable                      | No                           |
| Temperature Range - Operating  | -40°C to +120°C              |
| Termination Interface: Style   | IDT or Pierce                |
| Wire Size AWG                  | 18, 22                       |

Electrical

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

Material Info

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](mailto: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

91627Series

Mates With

Appli-Mate RAST 2.5 Header 93071

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

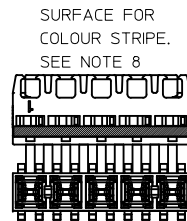
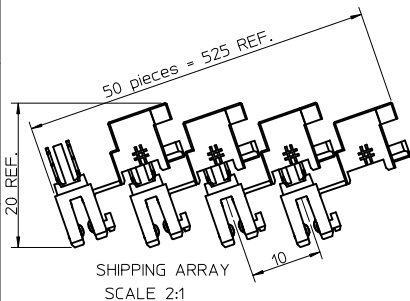
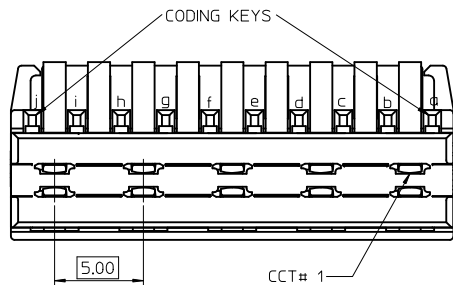
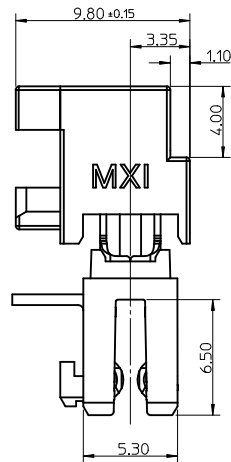
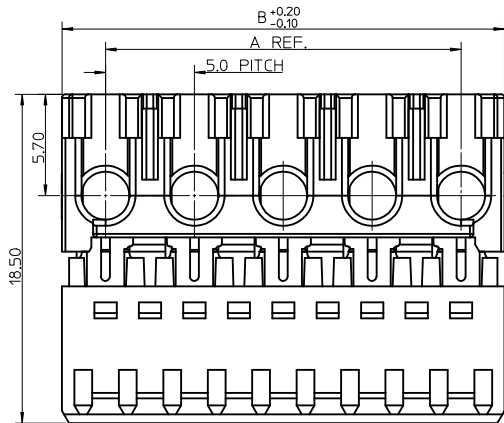
| Description                                                                        | Product #  |
|------------------------------------------------------------------------------------|------------|
| Appli-Mate Rast<br>2.5 Power Manual<br>Terminator                                  | 0622030000 |
| RAST 2.5 Semi-<br>Automatic<br>Terminator Machine<br>For Appli-Mate™<br>Connectors | 0623006000 |

**Reference - Drawing Numbers**

|                           |              |
|---------------------------|--------------|
| Application Specification | AS-91627-001 |
| Packaging Specification   | PK-91627-001 |
| Product Specification     | PS-91627-001 |
| Sales Drawing             | SD-91627-001 |

This document was generated on 05/27/2010

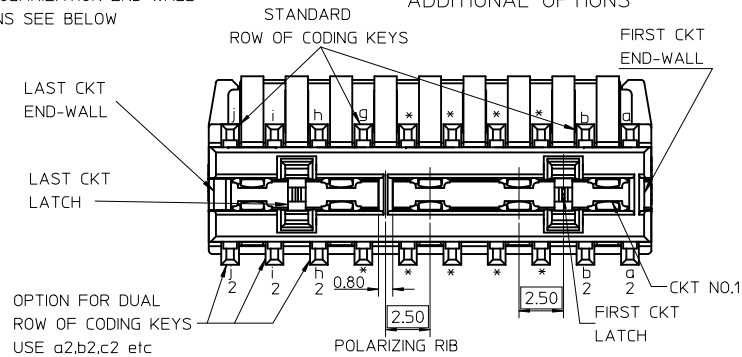
**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**



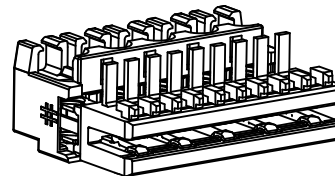
| CKT | DIM A | DIM B | DIM C | DIM D |
|-----|-------|-------|-------|-------|
| 2   | 5     | 9.9   | 7.3   | -     |
| 3   | 10    | 14.9  | 12.3  | 5     |
| 4   | 15    | 19.9  | 17.3  | 10    |
| 5   | 20    | 24.9  | 22.3  | 15    |
| 6   | 25    | 29.9  | 27.3  | 20    |
| 7   | 30    | 34.9  | 32.3  | 25    |
| 8   | 35    | 39.9  | 37.3  | 30    |
| 9   | 40    | 44.9  | 42.3  | 35    |
| 10  | 45    | 49.9  | 47.3  | 40    |
| 11  | 50    | 54.9  | 52.3  | 45    |
| 12  | 55    | 59.9  | 57.3  | 50    |

- NOTES:
- MATERIAL: HOUSING: PA 6  
TERMINAL: PHOSPHOR BRONZE OR COPPER ALLOY  
PLATING: TIN(6A) OR SILVER(10A)
  - PRODUCT SPECIFICATION: PS-91627-001
  - SEE SUBSEQUENT SHEETS FOR PART NUMBERING INFORMATION
  - LATCHES RECOMMENDED WHERE LOCKING VIA HEADER, GUIDEFRAME OR COMPONENT ENCLOSURE IS NOT POSSIBLE.
  - APPLICATION SPECIFICATION: AS-91627-001
  - 2 & 3CCT LATCH VERSIONS WILL HAVE 1 SOLID LATCH WERE APPLICABLE.
  - PACKAGING SPECIFICATION: PK-91627-001
  - COLOR STRIPE IS OPTIONAL.
  - AVAILABLE IN THE FOLLOWING COLOURS, BLUE, RED, GREEN & BLACK. ASTERIX IN CHART INDICATES FULL SURFACE COVERAGE.

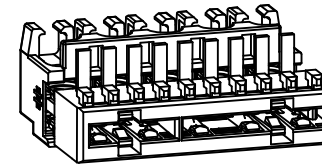
FOR POLARIZATION END WALL  
OPTIONS SEE BELOW



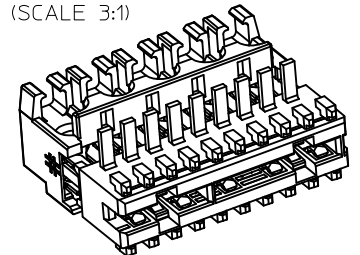
RECOMMENDED PCB LAYOUT FOR OPTIONS SHOWN (SCALE 3:1)



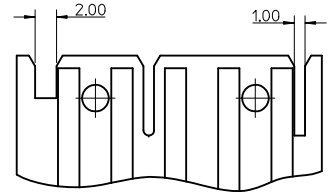
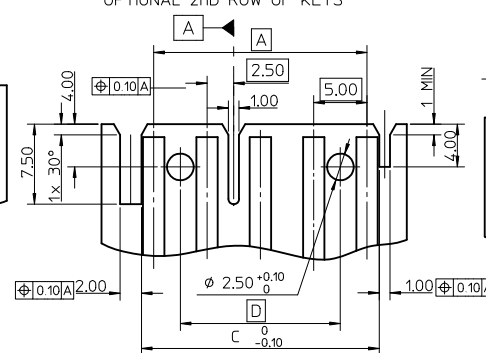
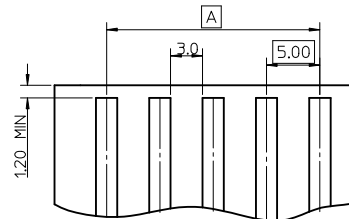
OPEN END WALL, NO POLARIZING RIB  
STANDARD ROW OF KEYS



CLOSED END-WALL, POLARIZED  
OPTION A, LATCHES AND RIB  
OPTIONAL 2ND ROW OF KEYS



CLOSED END-WALL, POLARIZED  
OPTION B, LATCHES AND RIB  
OPTIONAL 2ND ROW OF KEYS



Other combinations possible:

There may be one or two latches which can be positioned between 1st and 2nd ckt and/or between 2nd and last ckt.

The polarizing rib can be between any ckt.

There may be one end wall only which must be located at the larger ckt end as polarized option A (wider and taller end wall)

NEW PART NUMBERS

EC NO: E2010-0325  
DRAWN: BMAGUIRE 2010/03/12  
CHKD: BMAGUIRE 25/07/2003  
APPR: BMAGUIRE 2010/05/28

QUALITY SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

|               | mm     | INCH  |
|---------------|--------|-------|
| 4 PLACES      | ± ---  | ± --- |
| 3 PLACES      | ± ---  | ± --- |
| 2 PLACES      | ± 0.10 | ± --- |
| 1 PLACE       | ± 0.2  | ± --- |
| ANGULAR ± 2 ° |        |       |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY

|             |            |
|-------------|------------|
| DRAWN BY    | DATE       |
| LK IERNAN   | 07/05/2003 |
| CHECKED BY  | DATE       |
| BMAGUIRE    | 25/07/2003 |
| APPROVED BY | DATE       |
| BMAGUIRE    | 2010/04/02 |

MATERIAL NO.  
SEE CHARTS

SCALE  
5:1

DESIGN UNITS  
METRIC

THIRD ANGLE PROJECTION

RAST PWR IDT CONN  
5MM PITCH

MOLEX INCORPORATED

SD-91627-001

SHEET NO.  
1 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| 2 CIRCUIT      |                        |                     |               |               |                        |           |               |
|----------------|------------------------|---------------------|---------------|---------------|------------------------|-----------|---------------|
| MOLEX PART NO. | TERMINAL VOID POSITION | REMOVED CODING KEYS | CONFIGURATION | LATCH BETWEEN | POLARIZING RIB BETWEEN | END WALLS | COLOUR STRIPE |
| 91627-0001     | NONE                   | NONE                |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-0501     | NONE                   | NONE                |               | CCT 1&2       | NONE                   | OPEN      | NONE          |
| 91627-0502     | NONE                   | NONE                |               | CCT 1&2       | NONE                   | A         | NONE          |
| 91627-0002     | NONE                   | NONE                |               | NONE          | NONE                   | OPEN      | YELLOW        |
| 91627-0003     | NONE                   | d                   |               | NONE          | NONE                   | OPEN      | YELLOW        |
| 91627-0004     | NONE                   | NONE                |               | NONE          | NONE                   | OPEN      | RED           |
| 91627-0005     | NONE                   | b                   |               | NONE          | NONE                   | OPEN      | RED           |
| 91627-0006     | NONE                   | d                   |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-0008     | NONE                   | c                   |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-0009     | NONE                   | a b                 |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-0010     | NONE                   | a c                 |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-0503     | NONE                   | NONE                |               | CCT 1&2       | NONE                   | B         | NONE          |
| 91627-0011     | NONE                   | b d                 |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-0012     | NONE                   | a b c               |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-0013     | NONE                   | a c d               |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-0014     | NONE                   | b c d               |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-0015     | NONE                   | b                   |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-0504     | NONE                   | a b                 |               | CCT 1&2       | NONE                   | A         | NONE          |
| 91627-0505     | NONE                   | a c                 |               | CCT 1&2       | NONE                   | A         | NONE          |
| 91627-0506     | NONE                   | c d                 |               | CCT 1&2       | NONE                   | A         | NONE          |
| 91627-0507     | NONE                   | NONE                |               | CCT 1&2       | NONE                   | LAST      | NONE          |
| 91627-0016     | NONE                   | b c                 |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-0508     | NONE                   | b d                 |               | CCT 1&2       | NONE                   | A         | NONE          |
| 91627-0024     | NONE                   | a                   |               | NONE          | NONE                   | OPEN      | NONE          |

| 3 CIRCUIT      |                        |                     |               |               |                        |           |               |
|----------------|------------------------|---------------------|---------------|---------------|------------------------|-----------|---------------|
| MOLEX PART NO. | TERMINAL VOID POSITION | REMOVED CODING KEYS | CONFIGURATION | LATCH BETWEEN | POLARIZING RIB BETWEEN | END WALLS | COLOUR STRIPE |
| 91627-1001     | NONE                   | NONE                |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-1002     | NONE                   | a b c               |               | NONE          | CCT 1&2                | OPEN      | RED           |
| 91627-1004     | NONE                   | NONE                |               | NONE          | CCT 1&2                | OPEN      | RED           |
| 91627-1501     | NONE                   | NONE                |               | CCT 1&2       | NONE                   | OPEN      | NONE          |
| 91627-1502     | NONE                   | NONE                |               | CCT 1&2       | CCT 2&3                | A         | NONE          |
| 91627-1503     | NONE                   | c d                 |               | CCT 1&2       | NONE                   | A         | NONE          |
| 91627-1005     | NONE                   | a b c d e           |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-1006     | NONE                   | b c e               |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-1007     | NONE                   | d e f               |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-1504     | NONE                   | a b c               |               | CCT 1&2       | CCT 2&3                | OPEN      | RED           |
| 91627-1506     | NONE                   | NONE                |               | CCT 2&3       | CCT 1&2                | A         | NONE          |
| 91627-1507     | NONE                   | NONE                |               | CCT 1&2       | CCT 2&3                | A         | NONE          |
| 91627-1508     | NONE                   | NONE                |               | CCT 2&3       | CCT 1&2                | OPEN      | NONE          |
| 91627-1008     | NONE                   | c d f               |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-1009     | NONE                   | a d e               |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-1010     | NONE                   | b c d               |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-1011     | NONE                   | a d e f             |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-1012     | NONE                   | a b d               |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-1013     | CCT 2                  | d e f               |               | NONE          | CCT 1&2                | OPEN      | NONE          |
| 91627-1014     | NONE                   | b c d e             |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-1015     | NONE                   | a c e               |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-1016     | NONE                   | NONE                |               | NONE          | NONE                   | OPEN      | BLUE*         |
| 91627-1017     | NONE                   | d e f               |               | NONE          | CCT 1&2                | OPEN      | NONE          |

| 4 CIRCUIT      |                        |                     |               |               |                        |           |               |
|----------------|------------------------|---------------------|---------------|---------------|------------------------|-----------|---------------|
| MOLEX PART NO. | TERMINAL VOID POSITION | REMOVED CODING KEYS | CONFIGURATION | LATCH BETWEEN | POLARIZING RIB BETWEEN | END WALLS | COLOUR STRIPE |
| 91627-2001     | NONE                   | NONE                |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-2002     | NONE                   | d e f g h           |               | NONE          | CCT 2&3                | OPEN      | RED           |
| 91627-2003     | NONE                   | NONE                |               | NONE          | CCT 2&3                | OPEN      | RED           |
| 91627-2501     | NONE                   | NONE                |               | CCT 1&2       | NONE                   | OPEN      | NONE          |
| 91627-2004     | NONE                   | b d e f g h         |               | NONE          | CCT 2&3                | OPEN      | RED           |
| 91627-2005     | NONE                   | d e f g             |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-2006     | NONE                   | b c d f             |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-2007     | NONE                   | a b e f h           |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-2008     | NONE                   | ALL                 |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-2009     | NONE                   | a b f g             |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-2503     | NONE                   | NONE                |               | CCT 1&2       | CCT 2&3                | A         | NONE          |
| 91627-2010     | NONE                   | c d e h             |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-2011     | NONE                   | d e f g h           |               | NONE          | NONE                   | OPEN      | NONE          |

| 5 CIRCUIT      |                        |                     |               |               |                        |           |               |
|----------------|------------------------|---------------------|---------------|---------------|------------------------|-----------|---------------|
| MOLEX PART NO. | TERMINAL VOID POSITION | REMOVED CODING KEYS | CONFIGURATION | LATCH BETWEEN | POLARIZING RIB BETWEEN | END WALLS | COLOUR STRIPE |
| 91627-3001     | NONE                   | NONE                |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-3501     | NONE                   | NONE                |               | CCT 1&2       | NONE                   | OPEN      | NONE          |
| 91627-3002     | NONE                   | c d f g i           |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-3003     | NONE                   | a b c d e f g h i   |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-3004     | NONE                   | ALL                 |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-3502     | NONE                   | NONE                |               | CCT 1&2       | CCT 3&4                | A         | NONE          |
| 91627-3503     | NONE                   | NONE                |               | CCT 1&2       | CCT 4&5                | A         | NONE          |
| 91627-3504     | NONE                   | NONE                |               | CCT 1&2       | CCT 4&5                | OPEN      | NONE          |
| 91627-3005     | NONE                   | NONE                |               | NONE          | CCT 1&2                | OPEN      | NONE          |
| 91627-3006     | NONE                   | b c d g h j         |               | NONE          | NONE                   | OPEN      | NONE          |

NOTES:  
 1. FIRST KXT SIDE IS THE SIDE CLOSEST TO KXT 1  
 2. LAST KXT SIDE IS THE SIDE CLOSEST TO THE HIGHEST KXT SIDE

● - DENOTES TERMINAL POSITION LOADED  
 + - DENOTES TERMINAL POSITION VOIDED  
 1 - DENOTES POSITION OF POLARIZING RIB  
 11 - DENOTES POSITION OF LOCKING LATCH

3. \* - COLOUR COVERS WHOLE SURFACE

|                                                                                                               |                                                                                                                                  |                                       |                                                                                                                                            |       |              |                        |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------|------------------------|
| SEE SHEET 1<br>EC NO. E2010-0325<br>DRAWN BY: 25/01/2003<br>CHECKED BY: 25/01/2003<br>APPROVED BY: 20/05/2003 | QUALITY SYMBOLS                                                                                                                  | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE                                                                                                                            | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
|                                                                                                               | 4 PLACES ± 0.10<br>3 PLACES ± 0.10<br>2 PLACES ± 0.10<br>1 PLACE ± 0.20                                                          | mm<br>INCH<br>ANGULAR ± 2°            | MM ONLY<br>DRAWN BY: KIERMAN<br>DATE: 07/05/2003<br>CHECKED BY: BMAGUIRE<br>DATE: 25/07/2003<br>APPROVED BY: BMAGUIRE<br>DATE: 20/10/04/02 | 1:1   | METRIC       |                        |
|                                                                                                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                             |                                       |                                                                                                                                            |       |              |                        |
|                                                                                                               | TITLE: RAST PWR IDT CONN SMM PITCH<br>MOLEX INCORPORATED<br>MATERIAL NO. SD-91627-001<br>DOCUMENT NO. 2 OF 3<br>SHEET NO. 2 OF 3 |                                       |                                                                                                                                            |       |              |                        |

| 6 CIRCUIT      |                        |                                          |               |                    |                        |           |               |
|----------------|------------------------|------------------------------------------|---------------|--------------------|------------------------|-----------|---------------|
| MOLEX PART NO. | TERMINAL VOID POSITION | REMOVED CODING KEYS                      | CONFIGURATION | LATCH BETWEEN      | POLARIZING RIB BETWEEN | END WALLS | COLOUR STRIPE |
| 91627-4001     | NONE                   | NONE                                     |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-4501     | NONE                   | NONE                                     |               | CCT 1&2            | NONE                   | OPEN      | NONE          |
| 91627-4002     | NONE                   | abc, dgh, jkl<br>n2, 2, 2, 2, 2, 2, 2, 2 |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-4502     | NONE                   | NONE                                     |               | CCT 1&2<br>CCT 5&6 | CCT 3&4                | OPEN      | NONE          |
| 91627-4003     | NONE                   | ALL                                      |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-4004     | NONE                   | a l                                      |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-4503     | NONE                   | NONE                                     |               | CCT 1&2            | CCT 5&6                | A         | NONE          |
| 91627-4005     | NONE                   | NONE                                     |               | NONE               | CCT 2&3                | OPEN      | NONE          |
| 91627-4006     | NONE                   | c d e h i j                              |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-4007     | NONE                   | a b e f<br>g h i j                       |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-4504     | NONE                   | NONE                                     |               | 1&2<br>5&6         | CCT 2&3                | OPEN      | NONE          |

| 7 CIRCUIT      |                        |                                       |               |                    |                        |           |               |
|----------------|------------------------|---------------------------------------|---------------|--------------------|------------------------|-----------|---------------|
| MOLEX PART NO. | TERMINAL VOID POSITION | REMOVED CODING KEYS                   | CONFIGURATION | LATCH BETWEEN      | POLARIZING RIB BETWEEN | END WALLS | COLOUR STRIPE |
| 91627-5001     | NONE                   | NONE                                  |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-5002     | NONE                   | b, c, d, e, f,<br>h, i, j, k, l,<br>m |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-5003     | NONE                   | b, c, e, f, g,<br>i, j, k, m, n       |               | NONE               | NONE                   | OPEN      | ORANGE        |
| 91627-5501     | NONE                   | NONE                                  |               | CCT 1&2            | NONE                   | OPEN      | NONE          |
| 91627-5502     | NONE                   | NONE                                  |               | CCT 1&2<br>CCT 6&7 | NONE                   | A         | NONE          |
| 91627-5004     | NONE                   | c d g h i j k                         |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-5503     | NONE                   | NONE                                  |               | CCT 1&2<br>CCT 6&7 | CCT 3&4                | OPEN      | NONE          |
| 91627-5504     | NONE                   | NONE                                  |               | CCT 1&2<br>CCT 6&7 | NONE                   | OPEN      | NONE          |
| 91627-5005     | NONE                   | a b c d e g<br>h i j k l m            |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-5006     | NONE                   | NONE                                  |               | NONE               | CCT 2&3                | OPEN      | NONE          |
| 91627-5505     | NONE                   | NONE                                  |               | CCT 1&2<br>CCT 6&7 | NONE                   | OPEN      | NONE          |

| 8 CIRCUIT      |                        |                     |               |                    |                        |           |               |
|----------------|------------------------|---------------------|---------------|--------------------|------------------------|-----------|---------------|
| MOLEX PART NO. | TERMINAL VOID POSITION | REMOVED CODING KEYS | CONFIGURATION | LATCH BETWEEN      | POLARIZING RIB BETWEEN | END WALLS | COLOUR STRIPE |
| 91627-6001     | NONE                   | NONE                |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-6501     | NONE                   | NONE                |               | CCT 1&2            | NONE                   | OPEN      | NONE          |
| 91627-6502     | NONE                   | NONE                |               | CCT 1&2<br>CCT 7&8 | CCT 3&4                | OPEN      | NONE          |
| 91627-6002     | NONE                   | NONE                |               | NONE               | CCT 2&3                | OPEN      | NONE          |

| 10 CIRCUIT     |                        |                     |               |               |                        |           |               |
|----------------|------------------------|---------------------|---------------|---------------|------------------------|-----------|---------------|
| MOLEX PART NO. | TERMINAL VOID POSITION | REMOVED CODING KEYS | CONFIGURATION | LATCH BETWEEN | POLARIZING RIB BETWEEN | END WALLS | COLOUR STRIPE |
| 91627-8001     | NONE                   | NONE                |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-8501     | NONE                   | NONE                |               | CCT 1&2       | NONE                   | OPEN      | NONE          |

| 11 CIRCUIT     |                        |                     |               |               |                        |           |               |
|----------------|------------------------|---------------------|---------------|---------------|------------------------|-----------|---------------|
| MOLEX PART NO. | TERMINAL VOID POSITION | REMOVED CODING KEYS | CONFIGURATION | LATCH BETWEEN | POLARIZING RIB BETWEEN | END WALLS | COLOUR STRIPE |
| 91627-9001     | NONE                   | NONE                |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-9251     | NONE                   | NONE                |               | CCT 1&2       | NONE                   | OPEN      | NONE          |

| 9 CIRCUIT      |                        |                     |               |                    |                        |           |               |
|----------------|------------------------|---------------------|---------------|--------------------|------------------------|-----------|---------------|
| MOLEX PART NO. | TERMINAL VOID POSITION | REMOVED CODING KEYS | CONFIGURATION | LATCH BETWEEN      | POLARIZING RIB BETWEEN | END WALLS | COLOUR STRIPE |
| 91627-7001     | NONE                   | NONE                |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-7501     | NONE                   | NONE                |               | CCT 1&2            | NONE                   | OPEN      | NONE          |
| 91627-7502     | NONE                   | NONE                |               | CCT 1&2<br>CCT 8&9 | NONE                   | A         | NONE          |
| 91627-7503     | NONE                   | All                 |               | CCT 1&2<br>CCT 8&9 | NONE                   | A         | NONE          |
| 91627-7002     | NONE                   | All                 |               | NONE               | NONE                   | OPEN      | NONE          |
| 91627-7504     | NONE                   | NONE                |               | CCT 1&2            | CCT 3&4                | OPEN      | NONE          |
| 91627-7003     | NONE                   | NONE                |               | NONE               | CCT 2&3                | OPEN      | NONE          |

| 12 CIRCUIT     |                        |                     |               |               |                        |           |               |
|----------------|------------------------|---------------------|---------------|---------------|------------------------|-----------|---------------|
| MOLEX PART NO. | TERMINAL VOID POSITION | REMOVED CODING KEYS | CONFIGURATION | LATCH BETWEEN | POLARIZING RIB BETWEEN | END WALLS | COLOUR STRIPE |
| 91627-9501     | NONE                   | NONE                |               | NONE          | NONE                   | OPEN      | NONE          |
| 91627-9751     | NONE                   | NONE                |               | CCT 1&2       | NONE                   | OPEN      | NONE          |

NOTES:  
1. FIRST OKT SIDE IS THE SIDE CLOSEST TO OKT 1  
2. LAST OKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST OKT SIZE

● - DENOTES TERMINAL POSITION LOADED  
+ - DENOTES TERMINAL POSITION VOIDED  
I - DENOTES POSITION OF POLARISING RIB  
L - DENOTES POSITION OF LOCKING LATCH

|                                                                                                           |                                                                              |                                                                         |                                                                                                                                                                                         |                     |                               |                        |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|------------------------|
| SEE SHEET 1<br>ECN: E2010-0325<br>DATE: 2010/03/27<br>CHG: BMAGUIRE<br>APPR: BMAGUIRE<br>DATE: 2010/05/28 | QUALITY SYMBOLS                                                              | GENERAL TOLERANCES (UNLESS SPECIFIED)                                   | DIMENSION STYLE<br><b>MM ONLY</b><br>DRAWN BY: DATE<br>KIERMAN 07/05/2003<br>CHECKED BY: DATE<br>BMAGUIRE 25/07/2003<br>APPROVED BY: DATE<br>BMAGUIRE 2010/04/02                        | SCALE<br><b>1:1</b> | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |
|                                                                                                           | 4 PLACES ± 0.10<br>3 PLACES ± 0.20<br>2 PLACES ± 0.25<br>1 PLACE ± 0.30      | ANGULAR ± 2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS | TITLE<br><b>RAST PWR IDT CONN<br/>         SMM PITCH</b><br>MOLEX INCORPORATED<br>MATERIAL NO.<br><b>SD-91627-001</b><br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | SHEET NO.<br>3 OF 3 |                               |                        |
|                                                                                                           | SEE CHARTS<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX |                                                                         |                                                                                                                                                                                         |                     |                               |                        |
|                                                                                                           | INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION               |                                                                         |                                                                                                                                                                                         |                     |                               |                        |