

MC34 - Series

PART NO.

|           |     | REVISIONS   |       |          |  |          |         |          |
|-----------|-----|-------------|-------|----------|--|----------|---------|----------|
| ECN # REV | REV | DESCRIPTION | DRAWN | DATE     | DATE CHECKD                              | DATE     | APPRVD  | DATE     |
|           | А   | RELEASED    | Jagan | 02/10/09 | 07/10/09 Ramya 07/10/09 Farnell 21/10/09 | 02/10/09 | Farnell | 21/10/09 |
|           |     |             |       |          |  |          |         |          |

## Specifications:

Current rating Voltage rating

: 1.0A ac, dc. : 125V ac, dc.

Maximum contact resistance

7.10 70

Dimension B ±0.30

Minimum insulation resistance

Operating temperature range Withstanding voltage

Material and finish:

250V ac/minute. -40°C to +85°C. : 100MΩ.  $20m\Omega$ 

High temperature plastic.

Insulator Contact

: Copper alloy.

: Tin plated.

2.83 4.20 0.30 Dimension C ±0.20 mensjon A ±0.1₹ 25 ±0.05

Section: A-A

Dimension A ±0.15  $\stackrel{\sim}{\sim}$  0.1  $\stackrel{\sim}{\sim}$  1.25  $\stackrel{\sim}{\sim}$  0.1  $\stackrel{\sim}{\sim}$  0.81  $\stackrel{\sim}{\sim}$  0.1  $\stackrel{\sim}{\sim}$  0.6  $\stackrel{\sim}{\sim}$  0.1  $\stackrel{\sim}{\sim}$  0.81  $\stackrel{\sim}{\sim}$  0.1  $\stackrel{\sim}{\sim}$  0.6  $\stackrel{\sim}{\sim}$  0.81  $\stackrel{\sim}{\sim}$  0.1  $\stackrel{\sim}{\sim}$  0.6  $\stackrel{\sim}{\sim}$  0.81  $\stackrel{\sim}{\sim}$  0.1  $\stackrel{\sim}{\sim}$  0.6  $\stackrel{\sim}{\sim}$  0.81  $\stackrel{\sim}{\sim}$  0.1  $\stackrel{\sim}{\sim}$  0.81  $\stackrel{\sim}{\sim}$  0.1  $\stackrel{\sim}{\sim}$  0.81  $\stackrel{\sim}{\sim}$  0.1  $\stackrel{\sim}{\sim}$  0.81  $\stackrel{\sim}{\sim}$  0.1  $\stackrel{$ 

**PCB Layout** 

Dimensions: Millimetres

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|---------------------|-------------------|--------------|------|
| oplied is           | SPECIFIED,        | CHECKED BY:  |      |
| e prod-<br>uded or  | DIMENSIONS ARE    | Ramya        | ./20 |
| on or<br>vare of    | PURPOSES ONLY.    | APPROVED BY: |      |
| gence.<br>olc 2008. |                   | Farnell      | 717  |

| DRAWN BY:    | DATE:    | DATE: DRAWING TITLE: |                                  |                     |        |
|--------------|----------|----------------------|----------------------------------|---------------------|--------|
| Jagan        | 60/01//0 |                      | 1.25mm Header - Right Angle, SMT | tht Angle, SMT      |        |
| снескер ву:  | DATE:    | SIZE DWG NO.         | 1                                | ELECTRONIC FILE     | REV    |
| Ramya        | 02/10/09 | ₫                    | M10002391                        | 1578201-1578215-DWG | ⋖      |
| APPROVED BY  | DATE     | 1,                   |                                  |                     |        |
| יום שביטיודה | ביוהט    |                      |                                  |                     |        |
| Farnell      | 21/10/09 | SCALE: NTS           | U.O.M.: mm                       | SHEET: 1 OF         | α<br>μ |



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|           | Α   | RELEASED    | Jagan 07/10/09 Rai | 02/10/09 | Ramya            | 60/11//0 | Ramya 07/10/09 Farnell 21/10/09 | 21/10/09 |
|           |     |             |                    |          |                  |          |                                 |          |

## **Specification Table**

| Description                      | Number of Position | 4     | В     | ပ     | Part Number |
|----------------------------------|--------------------|-------|-------|-------|-------------|
| Header, Right Angle, SMT, 2 Way  | 2                  | 1.25  | 7.25  | 4.25  | MC34447     |
| Header, Right Angle, SMT, 3 Way  | 3                  | 2.50  | 8.50  | 5.50  | MC34423     |
| Header, Right Angle, SMT, 4 Way  | 4                  | 3.75  | 9.75  | 6.75  | MC34449     |
| Header, Right Angle, SMT, 5 Way  | 5                  | 5.00  | 11.00 | 8.00  | MC34425     |
| Header, Right Angle, SMT, 6 Way  | 9                  | 6.25  | 12.25 | 9.25  | MC34451     |
| Header, Right Angle, SMT, 7 Way  | 7                  | 7.50  | 13.50 | 10.50 | MC34427     |
| Header, Right Angle, SMT, 8 Way  | 8                  | 8.75  | 14.75 | 11.75 | MC34453     |
| Header, Right Angle, SMT, 9 Way  | 6                  | 10.00 | 16.00 | 13.00 | MC34429     |
| Header, Right Angle, SMT, 10 Way | 10                 | 11.25 | 17.25 | 14.25 | MC34455     |
| Header, Right Angle, SMT, 12 Way | 12                 | 13.75 | 19.75 | 16.75 | MC34431     |
| Header, Right Angle, SMT, 14 Way | 14                 | 16.25 | 22.25 | 19.25 | MC34433     |
| Header, Right Angle, SMT, 15 Way | 15                 | 17.50 | 23.50 | 20.50 | MC34435     |

Dimensions: Millimetres

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|                      | ngle, S                         | LECTRONIC FILE | 578201-1578215-DWG |              |              | SHEET: 2 OF |
|                      | ight A                          | FLEC           | 15782              |              |              |             |
|                      | .25mm Header - Right Angle, SMT |                | M10002391          |              |              | U.O.M.: mm  |
| DATE: DRAWING TITLE: | 1.2                             | SIZE DWG NO.   |                    |              |              | SCALE: NTS  |
| DRAW                 |                                 | SIZE           | ۵                  | ,            |              | SCAL        |
| DATE:                | 02/10/09                        | DATE:          | 02/10/09           | I I          | DAI E:       | 21/10/09    |
| DRAWN BY:            | Jagan                           | CHECKED BY:    | Ramya              | , a ar, caaa | APPROVED BY: | Farnell     |
|                      |                                 |                |                    |              |              |             |

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