

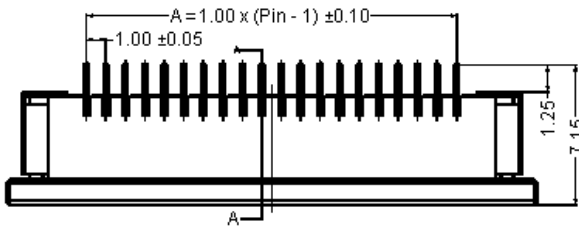


PART NO.

1223 - Series

REVISIONS

| ECN # | REV | DESCRIPTION | DRAWN | DATE     | CHECKD | DATE     | APPRVD  | DATE     |
|-------|-----|-------------|-------|----------|--------|----------|---------|----------|
| -     | A   | RELEASED    | Veena | 18/11/08 | Suresh | 18/11/08 | Farnell | 02/12/08 |

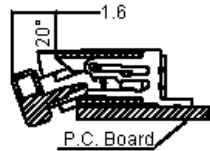
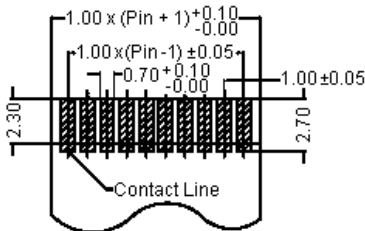
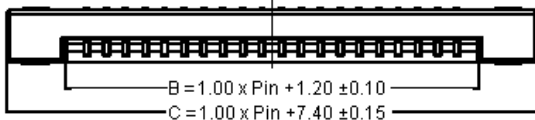


**Specifications:**

- Current rating : 1.0 Amperes.
- Voltage rating : 100V ac/dc.
- Maximum contact resistance : 30mΩ.
- Minimum insulation resistance : 100MΩ.
- Dielectric withstanding voltage : 500V rms (for one minute).
- Operating temperature range : -25°C to +105°C.

**Material:**

- Contact : Copper alloy.
- Plastic : High temperature plastic.
- Plating : Tin.



Thickness : 0.3 ± 0.05mm  
FPC Dimension (Reference)

Dimensions : Millimetres

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|              |          |
|--------------|----------|
| DRAWN BY:    | DATE:    |
| Veena        | 18/11/08 |
| CHECKED BY:  | DATE:    |
| Suresh       | 18/11/08 |
| APPROVED BY: | DATE:    |
| Farnell      | 02/12/08 |

|                                   |            |                 |     |
|-----------------------------------|------------|-----------------|-----|
| DRAWING TITLE:                    |            |                 |     |
| 1.0mm FPC Connector - Top Contact |            |                 |     |
| SIZE                              | DWG NO.    | ELECTRONIC FILE | REV |
| A                                 | M10001816  | 1661259-TDS_DWG | A   |
| SCALE: NTS                        | U.O.M.: mm | SHEET: 1 OF 2   |     |



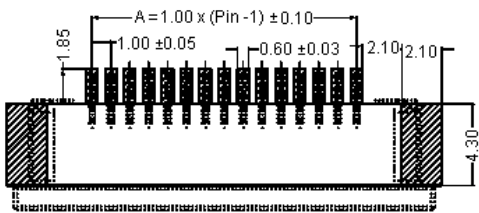
PART NO.

1223 - Series

REVISIONS

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| -     | A   | RELEASED    | Veena | 18/11/08 | Suresh  | 18/11/08 | Farnell | 02/12/08 |

PCB Layout



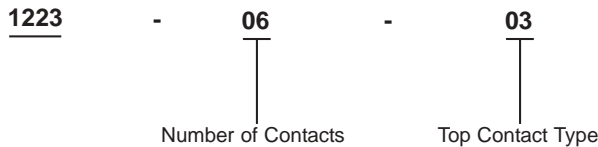
Dimensions : Millimetres

Contact Dimensions

| Number of Positions | A    | B    | C    | Part Number |
|---------------------|------|------|------|-------------|
| 6                   | 5.0  | 7.2  | 13.4 | 1223-06-03  |
| 8                   | 7.0  | 9.2  | 15.4 | 1223-08-03  |
| 10                  | 9.0  | 11.2 | 17.4 | 1223-10-03  |
| 14                  | 13.0 | 15.2 | 21.4 | 1223-14-03  |
| 16                  | 15.0 | 17.2 | 23.4 | 1223-16-03  |
| 20                  | 19.0 | 21.2 | 27.4 | 1223-20-03  |
| 26                  | 25.0 | 27.2 | 33.4 | 1223-26-03  |

Dimensions : Millimetres

Part Number Explanation:



- <http://www.farnell.com>
- <http://www.newark.com>
- <http://www.cpc.co.uk>

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| Suresh       | 18/11/08 |
| APPROVED BY: | DATE:    |
| Farnell      | 02/12/08 |

DRAWING TITLE:

1.0mm FPC Connector - Top Contact

|            |                      |                                    |          |
|------------|----------------------|------------------------------------|----------|
| SIZE<br>A  | DWG NO.<br>M10001816 | ELECTRONIC FILE<br>1661259-TDS_DWG | REV<br>A |
| SCALE: NTS | U.O.M.: mm           | SHEET: 2 OF 2                      |          |