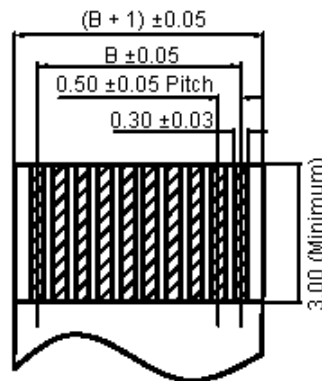
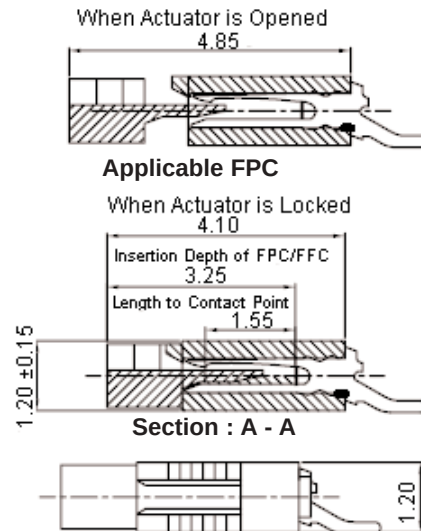
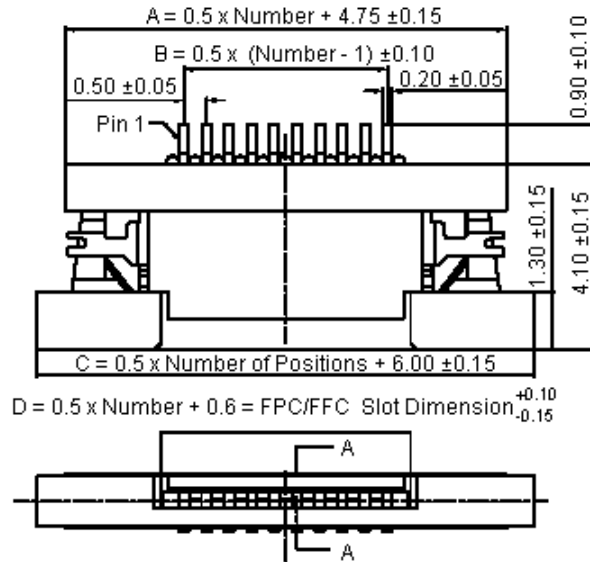


| ECN # | REV | DESCRIPTION | DRAWN | DATE     | CHECKD | DATE     | APPRVD  | DATE     |
|-------|-----|-------------|-------|----------|--------|----------|---------|----------|
| -     | A   | RELEASED    | Veena | 18/11/08 | Suresh | 18/11/08 | Farnell | 02/12/08 |
|       |     |             | 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



Thickness :  $0.30 \pm 0.03$   
FPC Dimension Reference

Dimensions : Millimetres



### Specifications:

|                               |                           |
|-------------------------------|---------------------------|
| Current rating                | : 0.5A ac/dc.             |
| Voltage rating                | : 50V ac/dc.              |
| Maximum contact resistance    | : 20mΩ.                   |
| Minimum insulation resistance | : 50MΩ.                   |
| Withstanding voltage          | : 500V ac for one Minute. |
| Operating temperature range   | : -25°C to +85°C.         |

### Material and Finish:

|                  |                                        |
|------------------|----------------------------------------|
| Insulator        | : High temperature plastic (nylon 46). |
| Insulator colour | : White.                               |
| Contact material | : Phosphor bronze.                     |
| Plating          | : Tin plated.                          |

### Soldering temperature profile:

|                                      |                    |
|--------------------------------------|--------------------|
| Maximum IR reflow temperature        | : 260°C, 5 second. |
| Maximum manual soldering temperature | : 400°C, 3 second. |



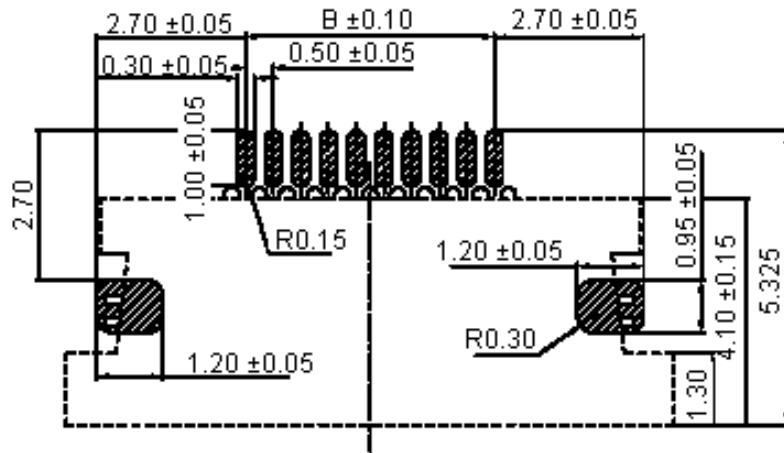
PART NO.

1226 - 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 |
|       |     |             |       |          |        |          |         |          |

## PCB Layout Reference



Dimensions : Millimetres

## Specification Table

| Number of Positions | A     | B     | C     | D     | Part Number    |
|---------------------|-------|-------|-------|-------|----------------|
| 10                  | 9.75  | 4.50  | 11.00 | 5.60  | 1226-10-03-H12 |
| 14                  | 11.75 | 6.50  | 13.00 | 7.60  | 1226-14-03-H12 |
| 18                  | 13.75 | 8.50  | 15.00 | 9.60  | 1226-18-03-H12 |
| 20                  | 14.75 | 9.50  | 16.00 | 10.60 | 1226-20-03-H12 |
| 24                  | 16.75 | 11.50 | 18.00 | 12.60 | 1226-24-03-H12 |
| 28                  | 18.75 | 13.50 | 20.00 | 14.60 | 1226-28-03-H12 |
| 30                  | 19.75 | 14.50 | 21.00 | 15.60 | 1226-30-03-H12 |
| 40                  | 24.75 | 19.50 | 26.00 | 20.60 | 1226-40-03-H12 |
| 50                  | 29.75 | 24.50 | 31.00 | 25.60 | 1226-50-03-H12 |

Dimensions : Millimetres

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## DRAWN BY:

Veena

## DATE:

18/11/08

## CHECKED BY:

Suresh

## DATE:

18/11/08

## APPROVED BY:

Farnell

## DATE:

02/12/08

## DRAWING TITLE:

0.5mm FPC Connector - Top Contact

SIZE  
A

DWG NO.

M10001812

ELECTRONIC FILE  
1661217-TDS\_DWGREV  
A

SCALE: NTS

U.O.M.: mm

SHEET: 2 OF 3



PART NO.

1226 - 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 |
|       |     |             |       |          |        |          |         |          |

## Part Number Explanation:

1226

-

10

-

03

-

H12

Number of Positions

Top Contact Type

Plastic Height

Plastic Height : H12 = 1.2mm.

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

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Veena

CHECKED BY:

Suresh

APPROVED BY:

Farnell

DATE:

18/11/08

DATE:

18/11/08

DATE:

02/12/08

DRAWING TITLE:

0.5mm FPC Connector - Top Contact

SIZE  
A

DWG NO.

M10001812

ELECTRONIC FILE

1661217-TDS\_DWG

REV

A

SCALE: NTS

U.O.M.: mm

SHEET: 3 OF 3