

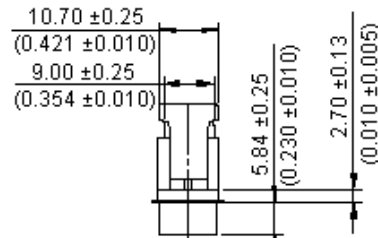
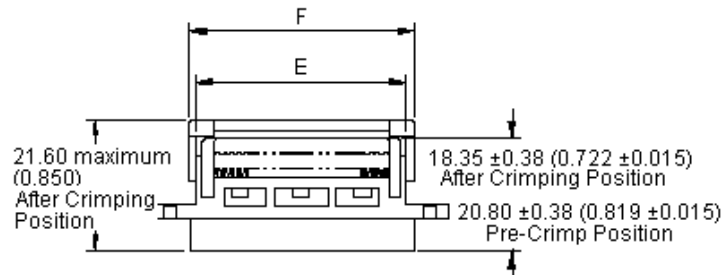


PART NO.

8FTM Series

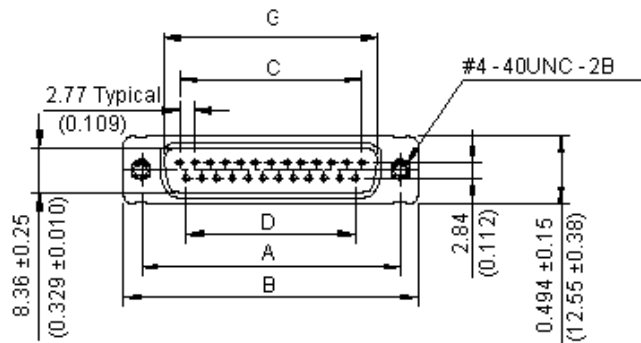
## REVISIONS

| ECN # | REV | DESCRIPTION | DRAWN | DATE     | CHECKD | DATE     | APPRVD  | DATE     |
|-------|-----|-------------|-------|----------|--------|----------|---------|----------|
| -     | A   | RELEASED    | Veena | 21/03/09 | Suresh | 21/03/09 | Farnell | 04/04/09 |
|       |     |             |       |          |        |          |         |          |

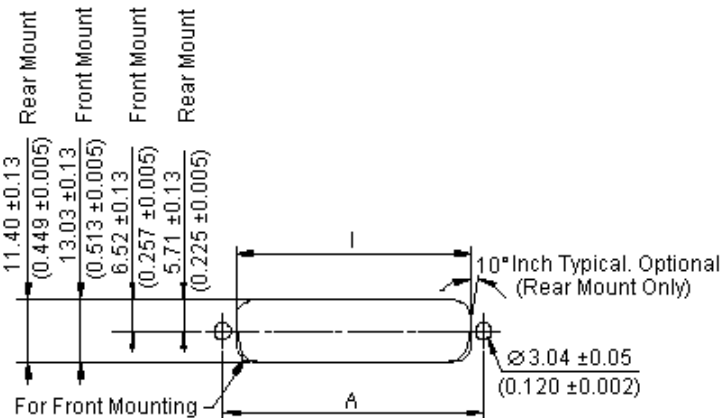


## Specifications:

|                                         |                                                               |
|-----------------------------------------|---------------------------------------------------------------|
| Current rating                          | : 1 amperes.                                                  |
| Minimum insulation resistance           | : 1000MΩ (at 500V dc).                                        |
| Minimum dielectric withstanding voltage | : 500V ac (for one minute).                                   |
| Operating temperature                   | : -55°C to 105°C.                                             |
| Maximum contact resistance              | : 15mΩ.                                                       |
| Insulator material                      | : PBT with glass-fibre reinforced.                            |
| Contact material                        | : Brass.                                                      |
| Contact plating                         | : Gold over nickel.                                           |
| Wire size                               | : AWG 26 and 28 stranded, 1.27mm conductor centre flat cable. |



## Recommended Panel Cut-out Dimensions



Dimensions : Millimetres (Inches)

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DRAWN BY:

Veena

DATE:

21/03/09

CHECKED BY:

Suresh

DATE:

21/03/09

APPROVED BY:

Farnell

DATE:

04/04/09

DRAWING TITLE:

Metal D Type IDC Connectors - Unthreaded

SIZE  
A

DWG NO.

M10001974

ELECTRONIC FILE  
50304\_DWGREV  
A

SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 1 OF 2



PART NO.

8FTM Series

## REVISIONS

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## Specification Table

| Number of Positions | A $\pm 0.13$ ( $\pm 0.005$ ) | B $\pm 0.25$ ( $\pm 0.010$ ) | C $\pm 0.13$ ( $\pm 0.005$ ) | D $\pm 0.13$ ( $\pm 0.005$ ) | E $\pm 0.25$ ( $\pm 0.010$ ) | F $\pm 0.25$ ( $\pm 0.010$ ) | G $\pm 0.25$ ( $\pm 0.010$ ) | I $\pm 0.13$ ( $\pm 0.005$ )<br>Rear Mounting | I $\pm 0.13$ ( $\pm 0.005$ )<br>Front Mounting | Part Number      |
|---------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------------------|------------------------------------------------|------------------|
| 9                   | 24.99 (0.984)                | 30.80 (1.212)                | 11.08 (0.436)                | 8.31 (0.327)                 | 16.10 (0.634)                | 18.60 (0.732)                | 16.92 (0.666)                | 20.47 (0.806)                                 | 22.20 (0.874)                                  | 8FTM09P-30N1-FEC |
| 15                  | 33.32 (1.312)                | 39.10 (1.539)                | 19.39 (0.763)                | 16.62 (0.654)                | 24.00 (0.945)                | 26.60 (1.047)                | 25.25 (0.994)                | 28.80 (1.134)                                 | 30.53 (1.202)                                  | 8FTM15P-30N1-FEC |
| 25                  | 47.04 (1.852)                | 53.09 (2.090)                | 33.24 (1.309)                | 30.47 (1.200)                | 38.14 (1.502)                | 40.90 (1.610)                | 38.96 (1.534)                | 42.52 (1.674)                                 | 44.27 (1.743)                                  | 8FTM25P-30N1-FEC |
| 37                  | 63.50 (2.500)                | 69.40 (2.732)                | 49.86 (1.963)                | 47.09 (1.854)                | 54.60 (2.150)                | 57.10 (2.248)                | 55.45 (2.183)                | 59.08 (2.326)                                 | 60.73 (2.391)                                  | 8FTM37P-30N1-FEC |

Dimensions : Millimetres (Inches)

## Part Number Explanation:

|           |                            |                     |              |   |              |                |               |                    |   |            |
|-----------|----------------------------|---------------------|--------------|---|--------------|----------------|---------------|--------------------|---|------------|
| <b>8F</b> | <b>TM</b>                  | <b>09</b>           | <b>P</b>     | - | <b>3</b>     | <b>0</b>       | <b>N</b>      | <b>1</b>           | - | <b>FEC</b> |
| Series    | Housing Construction Types | Number of Positions | Contact Type |   | Colour Codes | Contact Finish | Strain Relief | Metal Shell Finish |   | Customer   |

**Series** : 8F = D-SUB IDC Connector.  
**Housing Construction Types** : TM = With 4# - 40UNC Threaded Insert (With Metal Shell).  
**Number of Positions** : 09 = 9, 15, 25 and 37 Positions.  
**Contact Type** : P = Plug (Male).  
**Colour Codes** : 3 = Black.  
**Contact Finish** : 0 = Selective Gold Flash Over 30µ Inches Nickel.  
**Strain Relief** : N = Without Strain Relief.  
**Metal Shell Finish** : 1 = Tin Plated Shell (With Grounding Indents).  
**Customer** : FEC = Inland.

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

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