

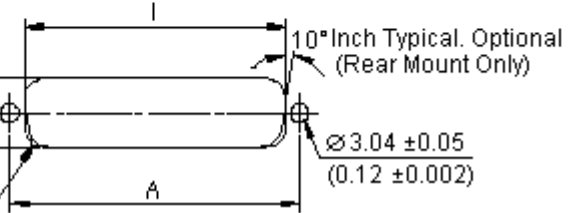
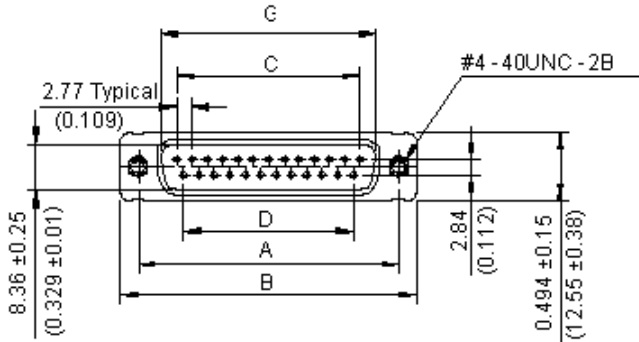
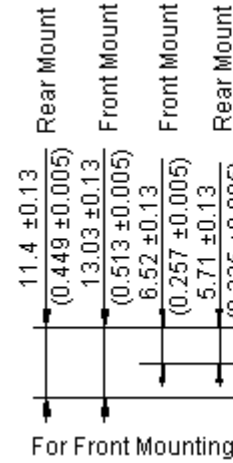
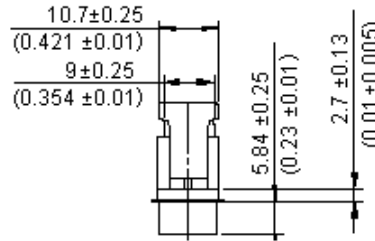
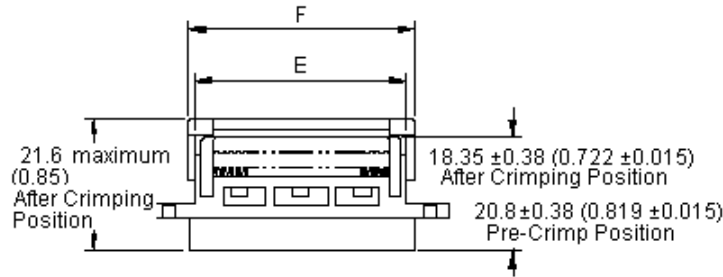


PART NO.

8FSM Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Ashok	19/01/12	Jagan	19/01/12	Farnell	02/02/12



Dimensions : Millimetres (Inches)

Recommended Panel Cut-out Dimensions

Specifications:

- Current rating : 1 ampere
- Minimum insulation resistance : 1,000 MΩ (at 500 V dc)
- Minimum dielectric withstanding voltage : 500 V ac (for one minute)
- Operating temperature : -55°C to 105°C
- Maximum contact resistance : 15 mΩ
- Insulator material : PBT with glass-fibre reinforced
- Contact material : Brass
- Contact plating : Gold over nickel
- Wire size : AWG 26 and 28 stranded, 1.27 mm conductor centre flat cable

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TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY: Ashok	DATE: 19/01/12	DRAWING TITLE: Metal D Type IDC Connectors - Unthreaded			
	CHECKED BY: Jagan	DATE: 19/01/12	SIZE A	DWG NO. M10001974	ELECTRONIC FILE 50304_DWG	REV A
	APPROVED BY:	DATE: 02/02/12	SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 1 OF 2



PART NO.

8FSM Series

REVISIONS

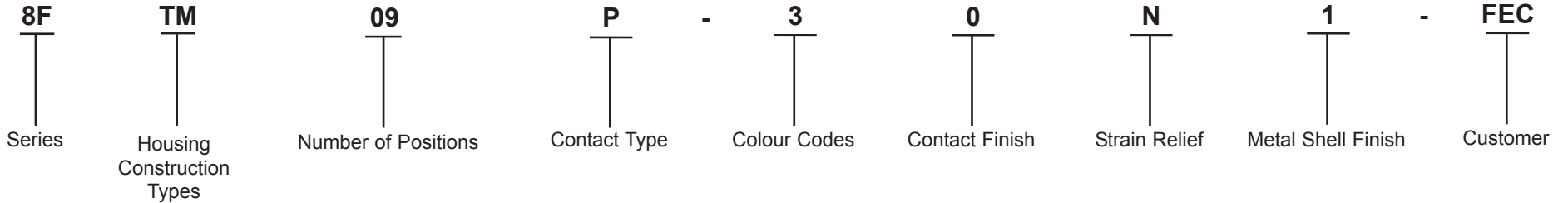
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-	A	RELEASED	Ashok	19/01/12	Jagan	19/01/12	Farnell	02/02/12

Specification Table

Number of Positions	A ±0.13 (±0.005)	B ±0.25 (±0.01)	C ±0.13 (±0.005)	D ±0.13 (±0.005)	E ±0.25 (±0.01)	F ±0.25 (±0.01)	G ±0.25 (±0.01)	I ±0.13 (±0.005) Rear Mounting	I ±0.13 (±0.005) Front Mounting	Part Number
9	24.99 (0.984)	30.8 (1.212)	11.08 (0.436)	8.31 (0.327)	16.1 (0.634)	18.6 (0.732)	16.92 (0.666)	20.47 (0.806)	22.2 (0.874)	8FTM09P-30N1-FEC
15	33.32 (1.312)	39.1 (1.539)	19.39 (0.763)	16.62 (0.654)	24 (0.945)	26.6 (1.047)	25.25 (0.994)	28.8 (1.134)	30.53 (1.202)	8FTM15P-30N1-FEC
25	47.04 (1.852)	53.09 (2.09)	33.24 (1.309)	30.47 (1.2)	38.14 (1.502)	40.9 (1.61)	38.96 (1.534)	42.52 (1.674)	44.27 (1.743)	8FTM25P-30N1-FEC
37	63.5 (2.5)	69.4 (2.732)	49.86 (1.963)	47.09 (1.854)	54.6 (2.15)	57.1 (2.248)	55.45 (2.183)	59.08 (2.326)	60.73 (2.391)	8FTM37P-30N1-FEC

Dimensions : Millimetres (Inches)

Part Number Explanation:



- 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 30 µ Inches Nickel
- Strain Relief** : N = Without Strain Relief
- Metal Shell Finish** : 1 = Tin Plated Shell (With Grounding Indents)
- Customer** : FEC = Inland

www.element14.com
www.farnell.com
www.newark.com

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