

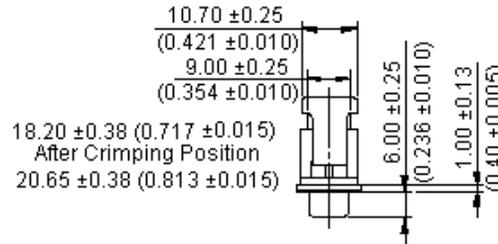
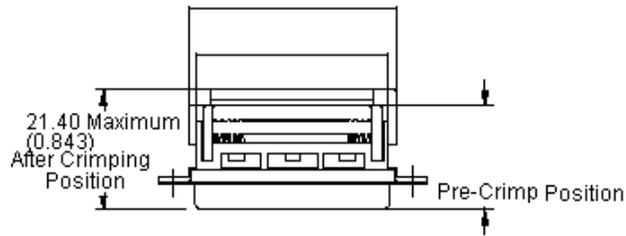


PART NO.

8FSM Series

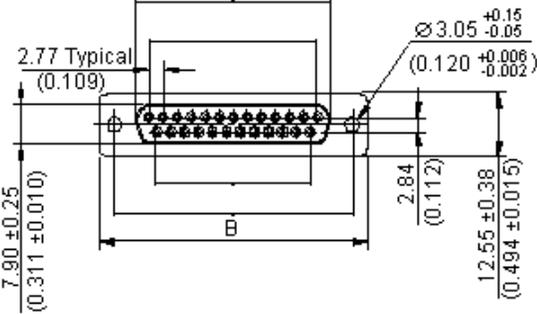
REVISIONS

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

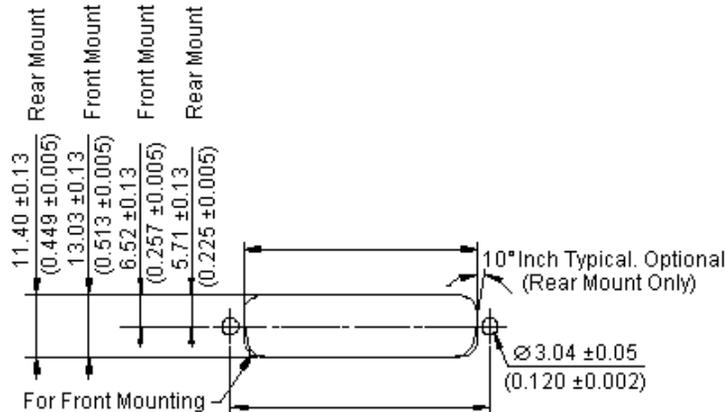


Specifications:

- 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.
- Contact resistance : ≤15mΩ.
- Dielectric material : PBT with glass-fibre reinforced.
- Colour : Black, blue and grey (optional).
- Contact material : Phosphor bronze.
- 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:	DATE:
Veena	21/03/09
CHECKED BY:	DATE:
Suresh	21/03/09
APPROVED BY:	DATE:
Farnell	04/04/09

DRAWING TITLE:			
Metal D Type IDC Connectors - Unthreaded			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10001972	50302_DWG	A
SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 1 OF 2



PART NO.

8FSM Series

REVISIONS

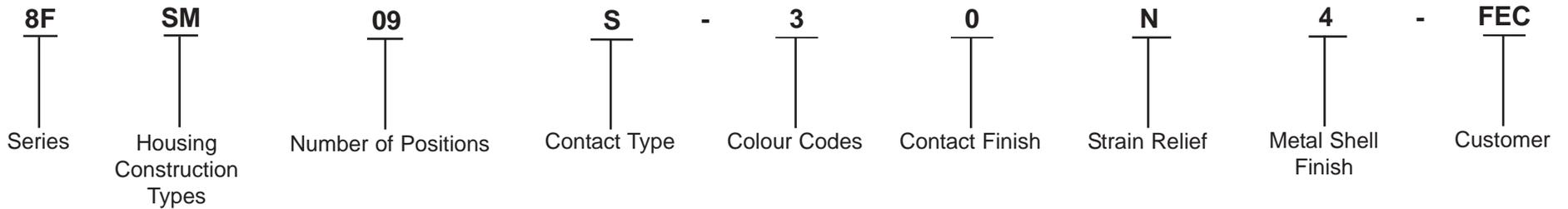
ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	21/03/09	Suresh	21/03/09	Farnell	04/04/09

Specification Table

Number of Positions	A ±0.13 (±0.005)	B ±0.25 (±0.010)	C ±0.13 (±0.005)	D ±0.13 (±0.005)	E ±0.25 (±0.010)	F ±0.25 (±0.010)	H ±0.25 (±0.010)	I ±0.13 (±0.005) Rear Mounting	I ±0.13 (±0.005) 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)	16.33 (0.643)	20.47 (0.806)	22.20 (0.874)	8FSM09S-30N4-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)	24.66 (0.971)	28.80 (1.134)	30.53 (1.202)	8FSM15S-30N4-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)	38.39 (1.511)	42.52 (1.674)	44.27 (1.743)	8FSM25S-30N4-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)	54.84 (2.159)	59.08 (2.326)	60.73 (2.391)	8FSM37S-30N4-FEC

Dimensions : Millimetres (Inches)

Part Number Explanation:



- Series** : 8F = D-SUB IDC Connector.
- Housing Construction Types** : SM = Standard Through Holes (With Metal Shell).
- Number of Positions** : 09 = 9, 15, 25 and 37 Positions.
- Contact Type** : S = Socket (Female).
- Colour Codes** : 3 = Black.
- Contact Finish** : 0 = Selective Gold Flash Over 30µ Inches Nickel.
- Strain Relief** : N = Without Strain Relief.
- Metal Shell Finish** : 4 = Tin Plated Shell (Without Grounding Indents).
- Customer** : FEC = Inland.

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

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	Veena	21/03/09	Metal D Type IDC Connectors - Unthreaded			
	CHECKED BY:	DATE:	SIZE	DWG NO.	ELECTRONIC FILE	REV
	Suresh	21/03/09	A	M10001972	50302_DWG	A
APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 2 OF 2	
Farnell	04/04/09					