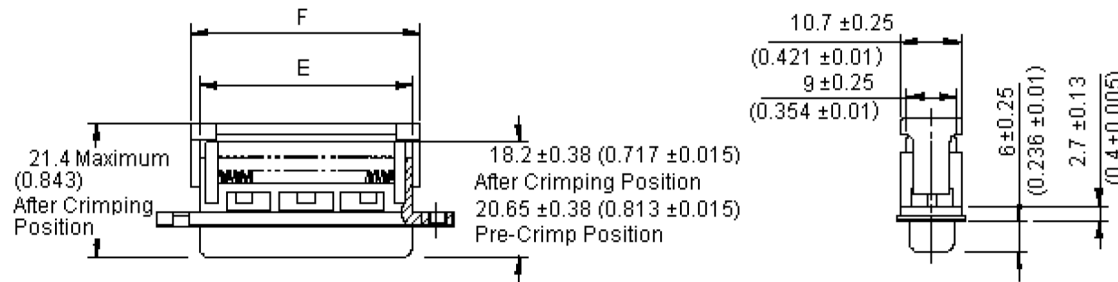




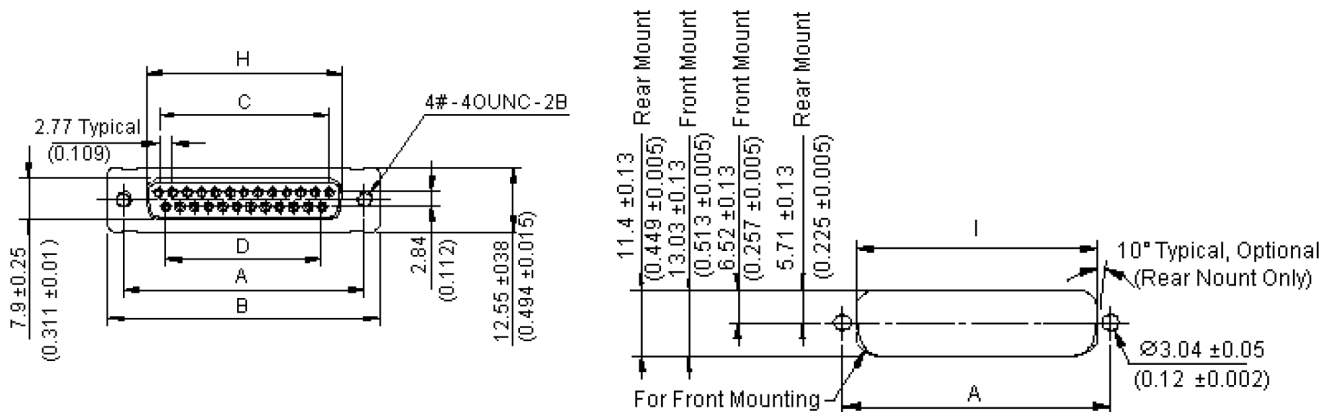
## Specifications

Current Rating	: 1 Ampere
Min. Insulation Resistance	: $\geq 1,000 \text{ M}\Omega$ (at 500 V dc)
Min. Dielectric Withstanding Voltage	: 500V AC (for one minute)
Operating Temperature	: $-55^\circ\text{C}$ to $+105^\circ\text{C}$
Contact Resistance	: $\leq 15\text{m}\Omega$
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

## Diagram



## Recommended Panel Cut-out Dimensions



## Specification Table

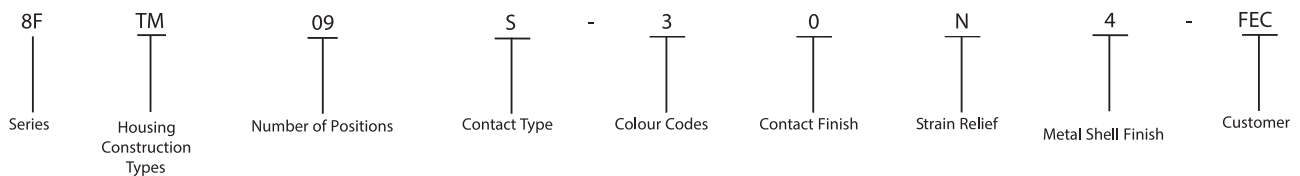
Dimensions : Millimetres (Inches)

A $\pm 0.13$ ( $\pm 0.005$ )	B $\pm 0.25$ ( $\pm 0.01$ )	C $\pm 0.13$ ( $\pm 0.005$ )	D $\pm 0.13$ ( $\pm 0.005$ )	E $\pm 0.25$ ( $\pm 0.01$ )	F $\pm 0.25$ ( $\pm 0.01$ )	H $\pm 0.25$ ( $\pm 0.01$ )	I $\pm 0.13$ ( $\pm 0.005$ ) Rear Mounting	I $\pm 0.13$ ( $\pm 0.005$ ) Front Mounting	Part Number
24.99 (0.984)	30.8 (1.212)	11.08 (0.436)	8.31 (0.327)	16.1 (0.634)	18.6 (0.732)	16.33 (0.643)	20.47 (0.806)	22.2 (0.874)	8FTM09S-30N4-FEC
33.32 (1.312)	39.1 (1.539)	19.39 (0.763)	16.62 (0.654)	24 (0.945)	26.6 (1.047)	24.66 (0.971)	28.8 (1.134)	30.53 (1.202)	8FTM15S-30N4-FEC

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)	H ±0.25 (±0.01)	I ±0.13 (±0.005) Rear Mounting	I ±0.13 (±0.005) Front Mounting	Part Number
47.04 (1.852)	53.09 (2.09)	33.24 (1.309)	30.47 (1.2)	38.14 (1.502)	40.9 (1.61)	38.38 (1.511)	42.52 (1.874)	44.27 (1.743)	8FTM25S-30N4-FEC
63.5 (2.5)	69.4 (2.732)	49.86 (1.963)	47.09 (1.854)	54.6 (2.15)	57.1 (2.248)	54.84 (2.159)	59.08 (2.326)	60.73 (2.391)	8FTM37S-30N4-FEC

Dimensions : Millimetres (Inches)

## Part Number Explanation



- Series : 8F = D-SUB IDC Connector
- Housing Construction Types : TM = With 4# - 40UNC Threaded Insert (All Plastic Type)
- 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

## Part Number Table

Description	Number of Positions	Part Number
D-Sub Connector, Standard, Receptacle, IDC / IDT	9	8FTM09S-30N4-FEC
	15	8FTM15S-30N4-FEC
	25	8FTM25S-30N4-FEC
	37	8FTM37S-30N4-FEC

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