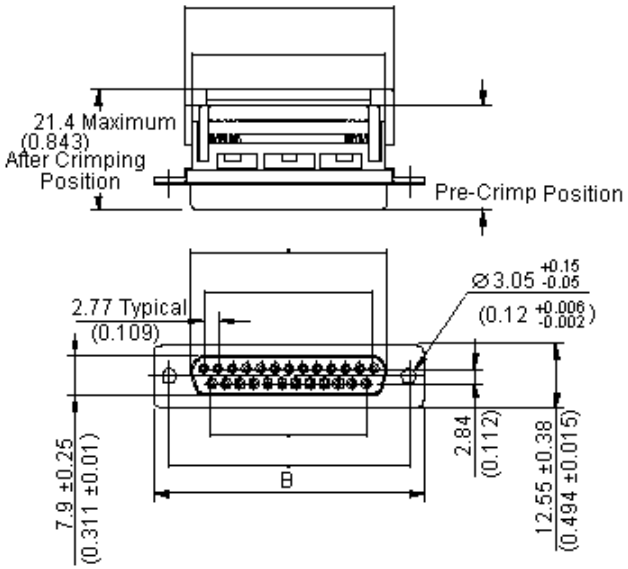
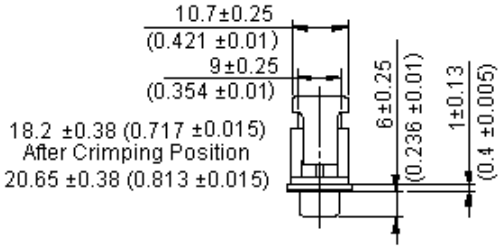
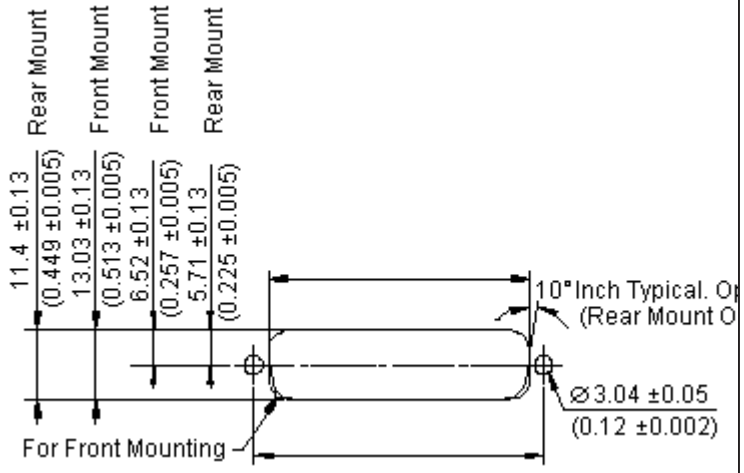
multicomp	PART NO.	REVISIONS									
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
	8FSM Series	-	A	RELEASED	Ashok	19/01/12	Jagan	19/01/12	Farnell	02/02/12



Recommended Panel Cut-out Dimensions





Dimensions : Millimetres (Inches)

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
Contact resistance	: ≤15 mΩ
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, 1.27 mm conductor centre flat cable

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DRAWN BY:	DATE:
Ashok	19/01/12
CHECKED BY:	DATE:
Jagan	19/01/12
APPROVED BY:	DATE:
	02/02/12

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

multicomp

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

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)	H ±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)	16.33 (0.643)	20.47 (0.806)	22.2 (0.874)	8FSM09S-30N4-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)	24.66 (0.971)	28.8 (1.134)	30.53 (1.202)	8FSM15S-30N4-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)	54.84 (2.159)	59.08 (2.326)	60.73 (2.391)	8FSM37S-30N4-FEC

Dimensions : Millimetres (Inches)

Part Number Explanation:

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

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

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DRAWN BY:	DATE:
Ashok	19/01/12
CHECKED BY:	DATE:
Veena	19/01/12
APPROVED BY:	DATE:
	02/02/12

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: 2 OF 2