

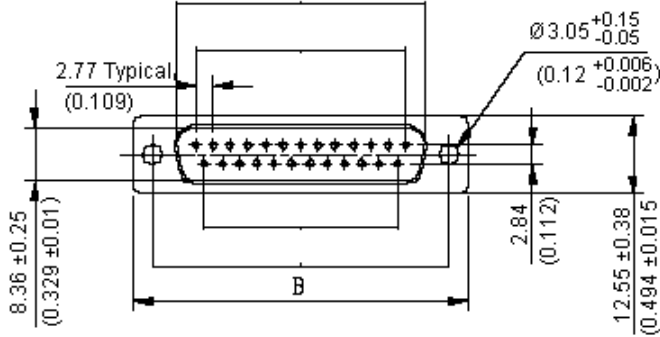
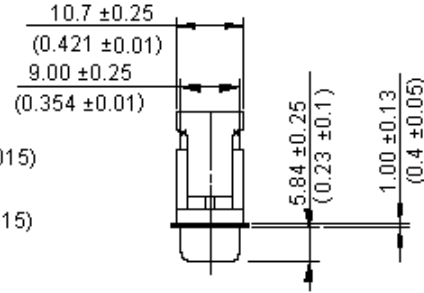
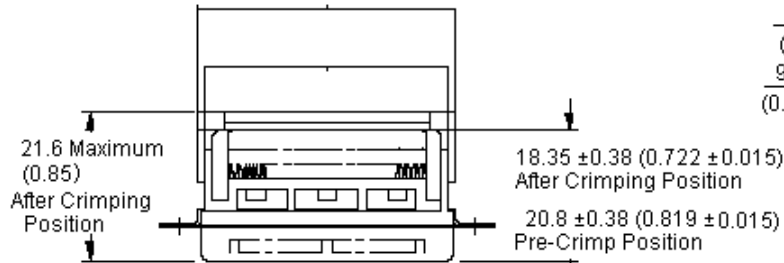


PART NO.

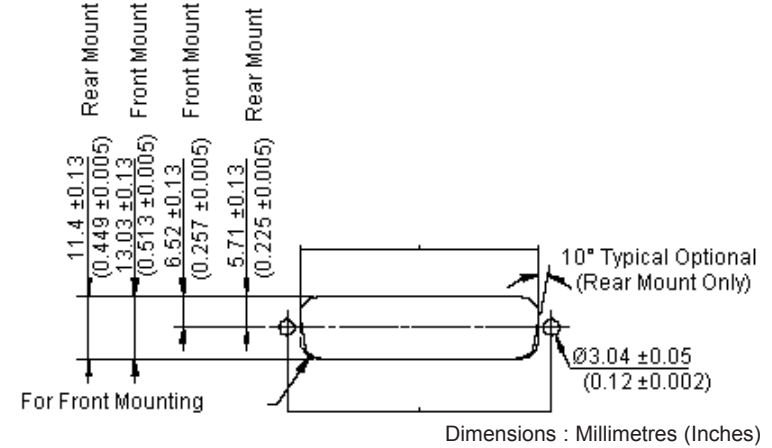
8FSM Series

REVISIONS

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



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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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	M10001971	50301_DWG	A
SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 1 OF 2	



PART NO.

8FSM Series

REVISIONS

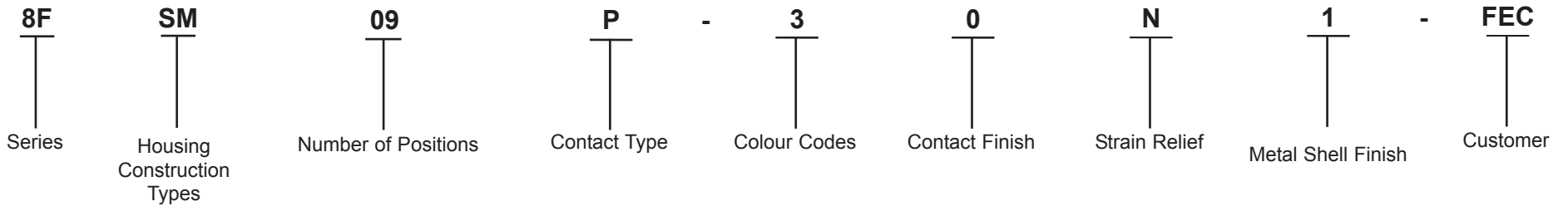
ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Ashok	19/01/12	Jagan	19/01/12	Farnell	02/02/12

Specification Table

Number of Positions	A ±0.13 (±0.005)	B ±0.25 (±0.010)	C ±0.13 (±0.005)	D ±0.13 (±0.005)	E ±0.25 (±0.010)	F ±0.25 (±0.010)	G ±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)	30.8 (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)	8FSM09P-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)	8FSM15P-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)	8FSM25P-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)	8FSM37P-30N1-FEC

Dimensions : Millimetres (Inches)

Part Number Explanation:



- Series** : 8F = D-SUB IDC Connector
- Housing Construction Types** : SM = Standard Through Holes (All Plastic Type)
- 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

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TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	Ashok	19/01/12	Metal D Type IDC Connectors - Unthreaded			
	CHECKED BY:	DATE:				
	Veena	19/01/12	SIZE A	DWG NO. M10001971	ELECTRONIC FILE 50301_DWG	REV A
APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: mm (Inches)		
	02/02/12			SHEET: 2 OF 2		