

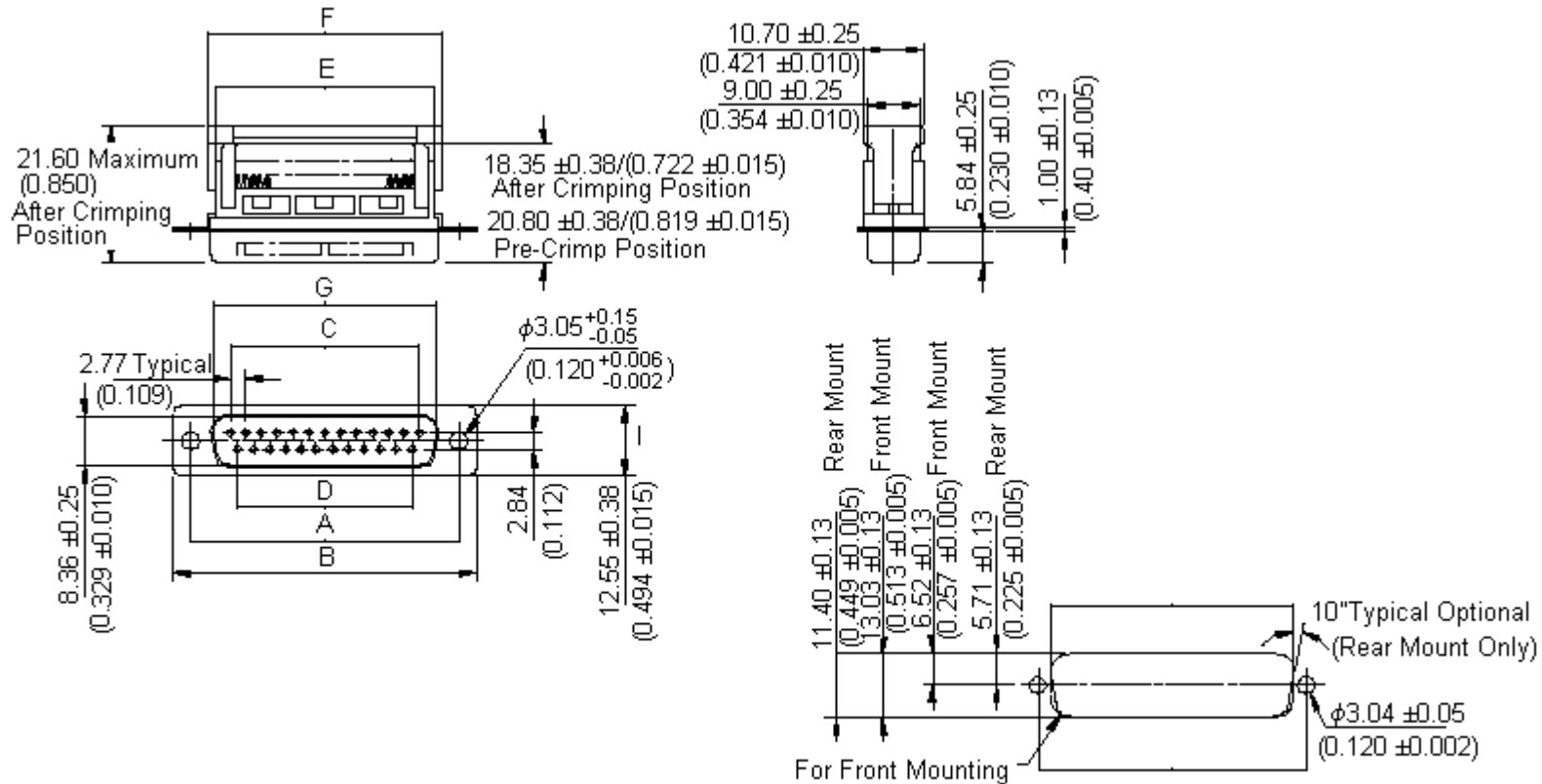


PART NO.

8FSM xxP-30N1-FEC Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	S.K	29/5/06	K.S	29/5/06	N.K	12/6/06



Recommended Panel Cut Out Dimensions

Dimensions : Millimetres (Inches)

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TOLERANCES:

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DRAWN BY:	DATE:
S. Krishna	29/05/06
CHECKED BY:	DATE:
K. Suresh	29/05/06
APPROVED BY:	DATE:
N. Kiwomya	12/06/06

DRAWING TITLE:

8FSM xxP-30N1-FEC Series

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10000358	368074_1_DWG	A
SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 1 OF 4	



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Specifications:

- Current Rating : 1 ampere.
- Insulation Resistance : 1000MΩ minimum at 500V dc.
- Dielectric Withstanding Voltage : AC 500V minimum for 1 minute.
- Operating Temperature : -55°C to +105°C.
- Contact Resistance : 15mΩ maximum.
- Insulator Material : PBT with glass-fibre reinforced.
- Contact Material : Brass.
- Contact Plating : Gold over Nickel.
- Wire Size : AWG 26 and 28 stranded, 1.27mm conductor centre flat cable.

Specification Table

Number of Positions	±0.13 A (±0.005)	±0.25 B (±0.010)	±0.13 C (±0.005)	±0.13 D (±0.005)	±0.25 E (±0.010)	±0.25 F (±0.010)	±0.25 G (±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)	16.92 (0.666)	20.47 (0.806)	22.20 (0.874)	8FSM09P-30N1-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)	25.25 (0.994)	28.80 (1.134)	30.53 (1.202)	8FSM15P-30N1-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)	38.95 (1.534)	42.52 (1.674)	44.27 (1.743)	8FSM25P-30N1-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)	55.45 (2.183)	59.08 (2.326)	60.73 (2.391)	8FSM37P-30N1-FEC.

Dimensions : Millimetres (Inches)

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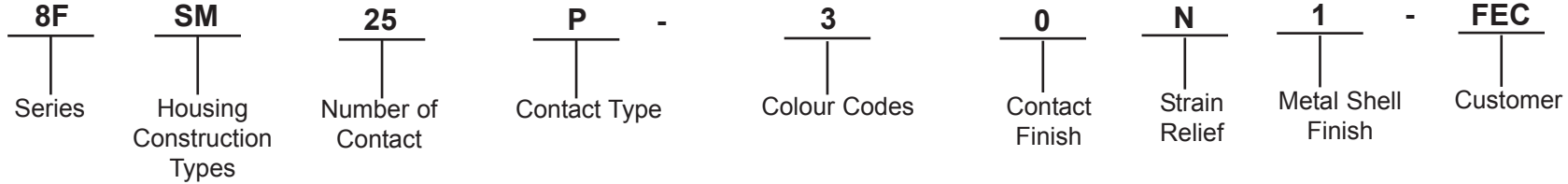
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Part Number Explanation



- Series** : 8F D-SUB IDC Connector.
- Housing Construction Types:** : SM = Standard Through Holes (With Metal Shell).
- Number of Contacts** : 09 = 9, 15 = 15, 25 = 25 and 37 = 37 Positions.
- Contact Type** : P = Plug (Male).
- Colour Codes** : 3 = Black.
- Contact Finish** : 0 = Selectived Gold Flash Over 30µ" Nickel.
- Strain Relief** : N = Without strain relief.
- Metal Shell Finish** : 1 = Tin Plated Shell (With Grounding Indents).

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Notes:

International Sales Offices:

AUSTRALIA - Farnell InOne Tel No: ++ 61 2 9645 8888 Fax No: ++ 61 2 9644 7898	GERMANY - Farnell InOne Tel No: ++ 49 89 61 39 39 39 Fax No: ++ 49 89 613 59 01	SINGAPORE - Farnell-Newark InOne Tel No: ++ 65 6788 0200 Fax No: ++ 65 6788 0300
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