

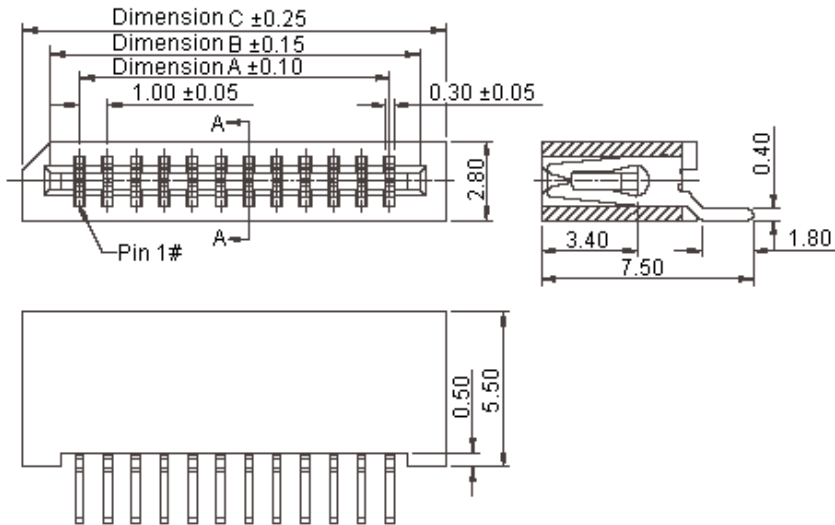


PART NO.

1224SM - Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	23/01/09	Suresh	23/01/09	Farnell	06/02/09



**Specifications:**

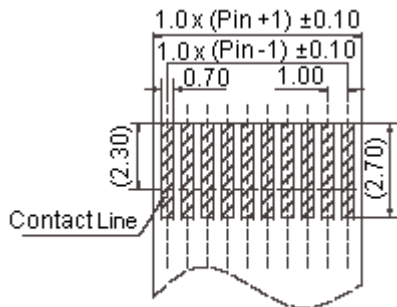
- Current rating : 1.0A ac/dc.
- Voltage rating : 100V ac/dc.
- Maximum contact resistance : 30m $\Omega$ .
- Minimum insulation resistance : 1000M $\Omega$ .
- Withstanding voltage : 500V ac for one minute.
- Operating temperature range : -25°C to +105°C.



**Material and Finish:**

- Insulator : High temperature plastic (Nylon 6T).
- Contact : Phosphor bronze.
- Plating : Tin plated.

**FPC Dimension Reference**



Thickness : 0.30  $\pm 0.03$   
 FPCD Dimension Reference

Dimensions : Millimetres

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Veena	23/01/09
CHECKED BY:	DATE:
Suresh	23/01/09
APPROVED BY:	DATE:
Farnell	06/02/09

DRAWING TITLE:  
 1.0mm FPC Connector - Horizontal Entry

SIZE A	DWG NO. M10001918	ELECTRONIC FILE 1661236-TDS_DWG	REV A
SCALE: NTS	U.O.M.: mm	SHEET: 1 OF 3	



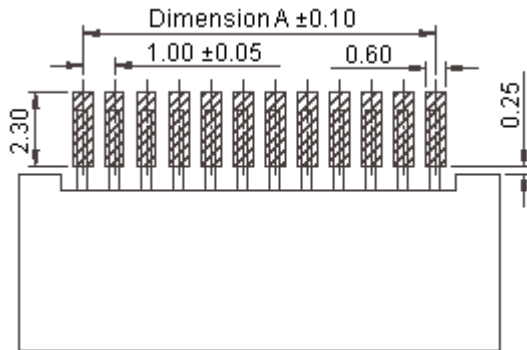
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Recommended PCB Layout



Dimensions : Millimetres

Engineering Dimensions

Number of Positions	A	B	C	Part Number
6	5.00	7.10	9.00	1224SM-06-40
8	7.00	9.10	11.00	1224SM-08-40
10	9.00	11.10	13.00	1224SM-10-40
14	13.00	15.10	17.00	1224SM-14-40
16	15.00	17.10	19.00	1224SM-16-40
20	19.00	21.10	23.00	1224SM-20-40
26	25.00	27.10	29.00	1224SM-26-40

Dimensions : Millimetres

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APPROVED BY:	DATE:
Farnell	06/02/09

DRAWING TITLE:			
1.0mm FPC Connector - Horizontal Entry			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10001918	1661236-TDS_DWG	A
SCALE: NTS	U.O.M.: mm	SHEET: 2 OF 3	



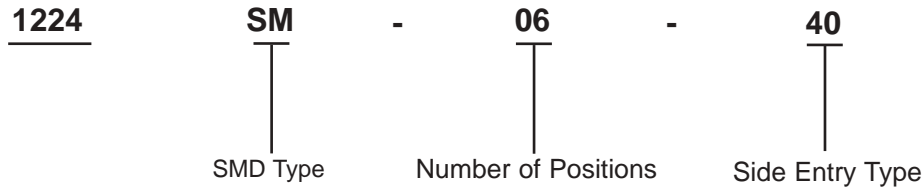
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Part Number Explanation:



Number of Positions : 06 = 6, 08 = 8, 10, 14, 16, 20 and 26 Positions.

<http://www.farnell.com>

<http://www.newark.com>

<http://www.cpc.co.uk>

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1.0mm FPC Connector - Horizontal Entry			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10001918	1661236-TDS_DWG	A
SCALE: NTS		U.O.M.: mm	SHEET: 3 OF 3