



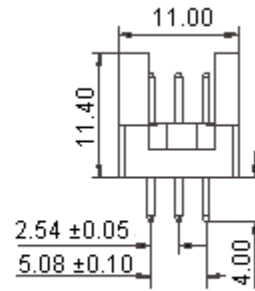
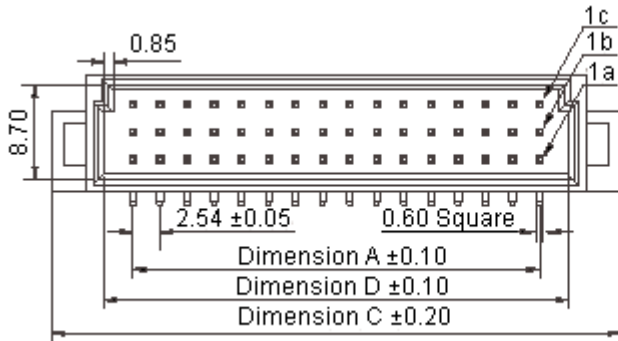
PART NO.

41612 - Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Ramya	15/11/08	Suresh	15/11/08	Farnell	29/11/08

41612-48ABC-MS



Feature:

- Design for home appliances, aviation electronics, automobile electronics and computer (PC) peripherals.

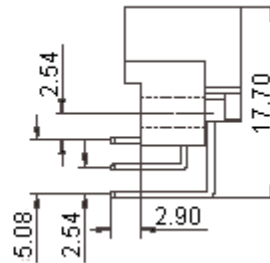
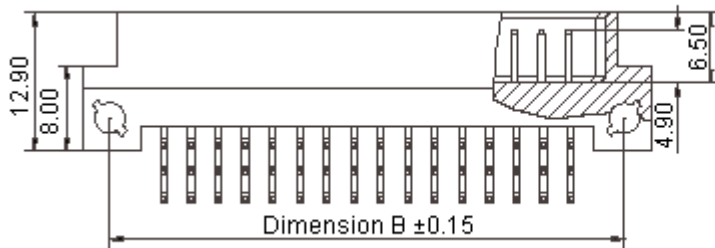
Specifications:

Current rating	: 2.0A ac/dc.
Voltage rating	: 250V ac/dc.
Maximum contact resistance	: 30mΩ.
Minimum insulation resistance	: 1000MΩ.
Withstanding voltage	: 1000V ac for one minute.
Operating temperature range	: -25°C to +125°C.

Material and Finish:

Insulator	: PBT.
Plug contact	: Copper alloy.
Socket contact	: Phosphor bronze.
Plating	: Selective gold plated.

41612-48ABC-MR



Dimensions : Millimetres

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TOLERANCES:

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DRAWN BY:

Ramya

DATE:

15/11/08

CHECKED BY:

Suresh

DATE:

15/11/08

APPROVED BY:

Farnell

DATE:

29/11/08

DRAWING TITLE:

2.54mm Plug - DIN41612, Triple Row

SIZE
A

DWG NO.

M10001805

ELECTRONIC FILE
1661148-TDS_DWGREV
A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 3



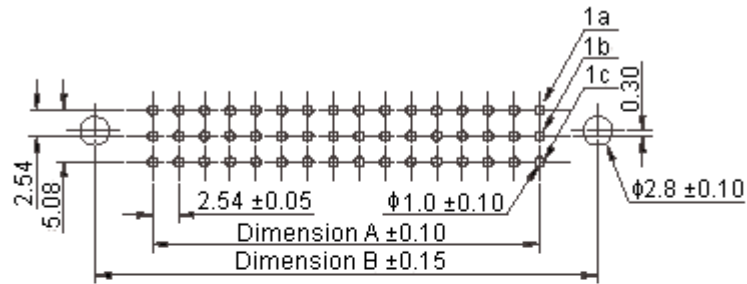
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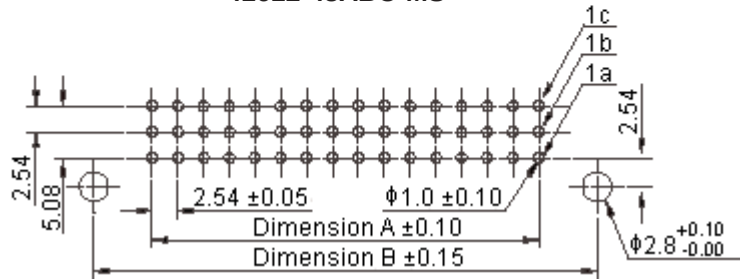
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Recommended PCB Layout



41612-48ABC-MS



41612-48ABC-MR

Dimensions : Millimetres

Engineering Dimensions

Number of Positions	A	B	C	D	Part Number
48	38.10	48.20	53.25	44.50	41612-48ABC-MS
					41612-48ABC-MR
96	78.74	89.00	94.26	85.50	41612-96ABC-MS
					41612-96ABC-MR

Dimensions : Millimetres

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Farnell

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29/11/08

DRAWING TITLE:

2.54mm Plug - DIN41612, Triple Row

SIZE
A

DWG NO.

M10001805

ELECTRONIC FILE

1661148-TDS_DWG

REV

A

SCALE: NTS

U.O.M.: mm

SHEET: 2 OF 3



PART NO.

41612 - Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Ramya	15/11/08	Suresh	15/11/08	Farnell	29/11/08

Part Number Explanation:

4161248ABC

-

MR

Number of Positions

Triple Rows

Male

Triple Rows : ABC = A, B and C Row.
Male : MR = Male Right Angle and MS = Male Straight.

<http://www.farnell.com><http://www.newark.com><http://www.cpc.co.uk>

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2.54mm Plug - DIN41612, Triple Row

SIZE
A

DWG NO.

M10001805

ELECTRONIC FILE
1661148-TDS_DWGREV
A

SCALE: NTS

U.O.M.: mm

SHEET: 3 OF 3