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ISSUE NUMBER

ORIGINAL ①

P.C. BOARD PATTERN

Dimension D at 2.54 Pitch:

1 Row:

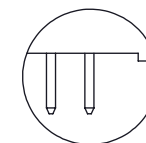
$D = \text{No. of Positions} - 1 \times 2.54$

2 Rows:

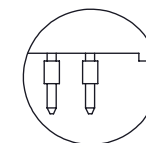
$D = (\text{No. of Positions}/2) - 1 \times 2.54$

3 Rows:

$D = (\text{No. of Positions}/3) - 1 \times 2.54$



Dip Type



Press Fit Type

Features:

- High density 96 Contact 3 Row Metal-to-Metal Connector on 2.54mm (.100") Grid
- Contact Material and Finish: Brass with selective gold plating: 2- Gold Flash Plating
3- 15u" of Gold Plating
6- 30u" of Gold Plating
- Contact Tails: 0.6 x 0.5mm (.024" x .020")
- Contact Spacing: 2.54 x 2.54mm (.100" x .100") single, double or triple rows; or 2.54 x 5.08mm (.100" x .200") single, double or triple rows.
- Available in: 5, 8, 10, 15, 16, 20, 24, 30, 32, 48, 64, and 96 positions
- Connectors designed to meet DIN 41612-R (Male) specifications

Specifications:

- Current Rating: 2 Amperes @ 20°C
- Contact Material: Brass
- Contact Plating: Selective Gold Plating
- Contact Resistance: 30 milliohms, maximum
- Insulator Material: 30% Glass Filled PBT, UL 94V-0
- Insulation Resistance: Mated - 1000 Mega (10⁶) ohms
- Dielectric Withstanding Voltage: 1000 V.A.C RMS
- Basic Grid: 2.54mm (.100")
- Operating Temperature: -55°C to +105°C

493 Series Metal-To-Metal DIN Connector PART NUMBER: 493-116-221-121



EDAC INC
TORONTO, ONTARIO
CANADA

YOUR CONNECTION TO QUALITY & SERVICE

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ACAD REFERENCE NO. 493 -ENG-MASTER

DRAWN: R.STA.MONICA DATE: JUL.20/10

CHECKED: DATE:

SCALE: NTS SHEET 1 OF 1

DRAWING NUMBER
493 -ENG-MASTER

ISSUE
1



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EUROPEAN UNION DIRECTIVES 2002/95/EC
AND 2002/96/EC FOR RoHS COMPLIANCY