



ISSUE NUMBER	
ORIGINAL	①

**P.C. BOARD PATTERN**  
 Dimension D at 2.54 Pitch:  
 1 Row:  
 D = No. of Positions-1 X 2.54  
 2 Rows:  
 D = (No. of Positions/2)-1 X 2.54  
 3 Rows:  
 D = (No. of Positions/3)-1 X 2.54

**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 (10<sup>6</sup>) 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: 493-132-680-111

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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 TORONTO, ONTARIO  
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