

#### Features:

- High density 96 Contacts 3 Row Metal-to-Metal Connector on 2.54mm (.100") Grid
- Contacts: Straight
- Contact Material: Phosphor Bronze with selective gold plating: 2- Gold Flash Plating and tin on tails
- Contact Tails: 0.7 x 0.3mm (.028" x .012") Rectangular
- 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: 8, 16, 24, 32, 48, 64, and 96 positions
- Connectors designed to meet DIN 41612 specifications



THIS SERIES FULLY CONFORMS TO THE  
EUROPEAN UNION DIRECTIVES 2002/95/EC  
AND 2002/96/EC FOR RoHS COMPLIANCY

### 496 Series Metal-To-Metal Receptacle DIN Connector PART NUMBER: 496-124-281-321

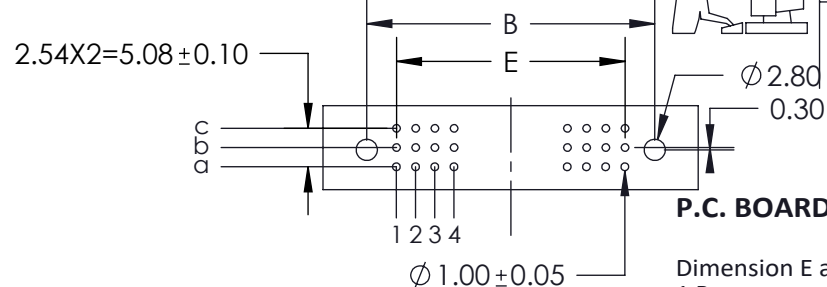


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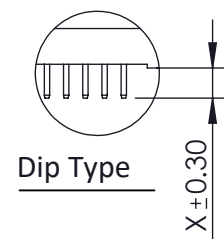
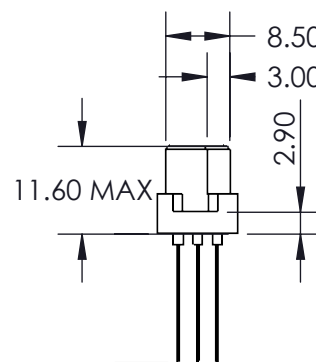
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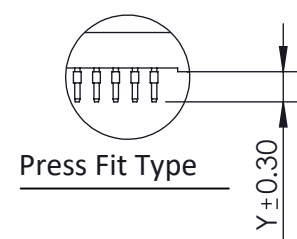


#### P.C. BOARD PATTERN

Dimension E at 2.54 Pitch:  
1 Row:  
E= No. of Positions-1 X 2.54  
2 Rows:  
E= (No. of Positions/2)-1 X 2.54  
3 Rows:  
E= (No. of Positions/3)-1 X 2.54



Dip Type



Press Fit Type

#### Specifications:

- Current Rating: 2 Amperes @ 20°C
- Contact Material: Copper Alloy
- Contact Plating: Selective Gold Plating
- Contact Resistance: 30 milliohms, maximum
- Insulator Material: 30% Glass Filled PBT, UL 94V-0
- Insulation Resistance: 1000 Mega (10<sup>6</sup>) ohms MIN at DC500V
- Dielectric Withstanding Voltage: 1000 VAC FOR 1 MINUTE
- Basic Grid: 2.54mm (.100")
- Operating Temperature: -55°C to +125°C

ACAD REFERENCE NO. 496 -ENG-MASTER

DRAWN: R.STA.MONICA DATE: AUG.12/10

CHECKED: DATE:

SCALE: NTS SHEET 1 OF 1

DRAWING NUMBER 496 -ENG-MASTER ISSUE 1