

#### 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: 496-124-641-321

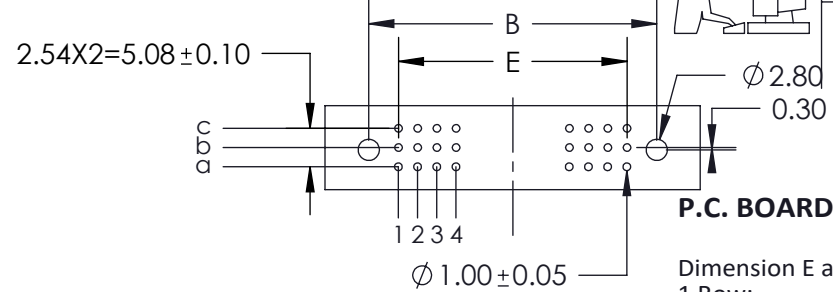


YOUR CONNECTION TO QUALITY & SERVICE

EDAC INC  
TORONTO, ONTARIO  
CANADA

THESE DRAWINGS AND SPECIFICATIONS  
ARE THE PROPERTY OF EDAC INC. AND  
SHALL NOT BE REPRODUCED, OR COPIED  
OR USED AS THE BASIS FOR THE  
MANUFACTURE OR SALE OF APPARATUS  
WITHOUT WRITTEN PERMISSION.

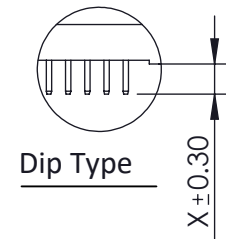
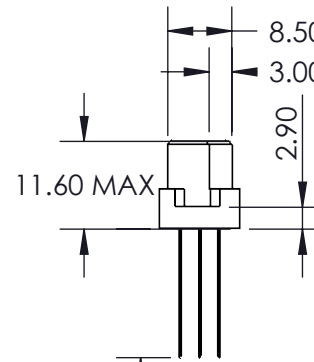
THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER.



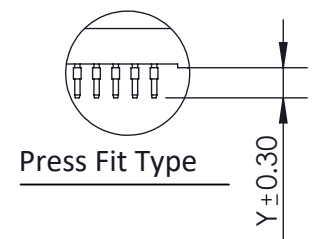
#### P.C. BOARD PATTERN

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

ISSUE NUMBER

ORIGINAL ①

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