.118 [3.0]

(B)
1.900 [48.26]

.520 [13.20]

⌀ .098 [2.5]

⌀ .110 [2.8]

⌀ .040 [1.02]

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

ISSUE NUMBER
ORIGINAL

.209 [5.3]

.100 [2.54]

.200 [5.08]

.100 [2.54]

E

B

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

(A)
2.126 [54.00]

.200 [5.08]

(D)
1.756 [44.60]

.040 [1.0]

.433 [11.00]

X

X

.280 [7.1]

.118 [3.0]

.050 [1.3]

.236 [6.0]

.189 [4.80]

.252 [6.40]

.100 [2.54]

SECTION X-X

(E)
1.514 [38.45]

(C)
1.866 [47.40]
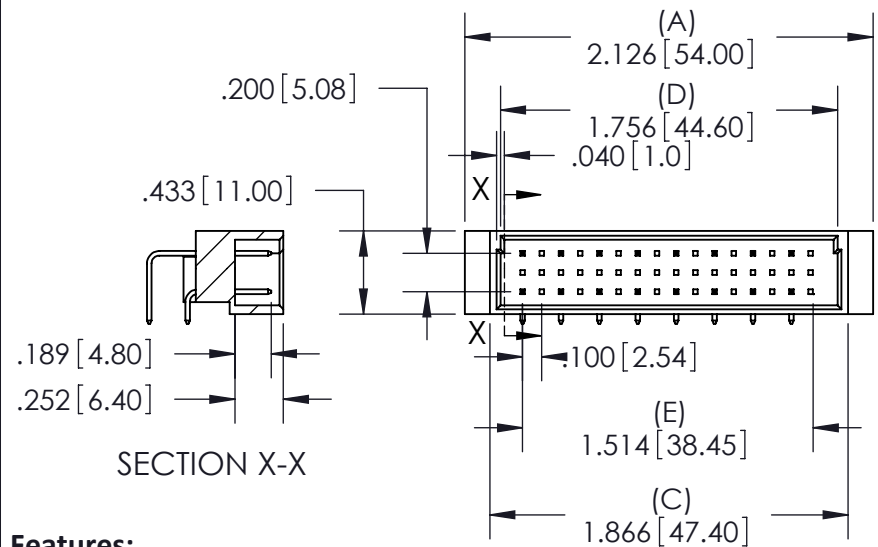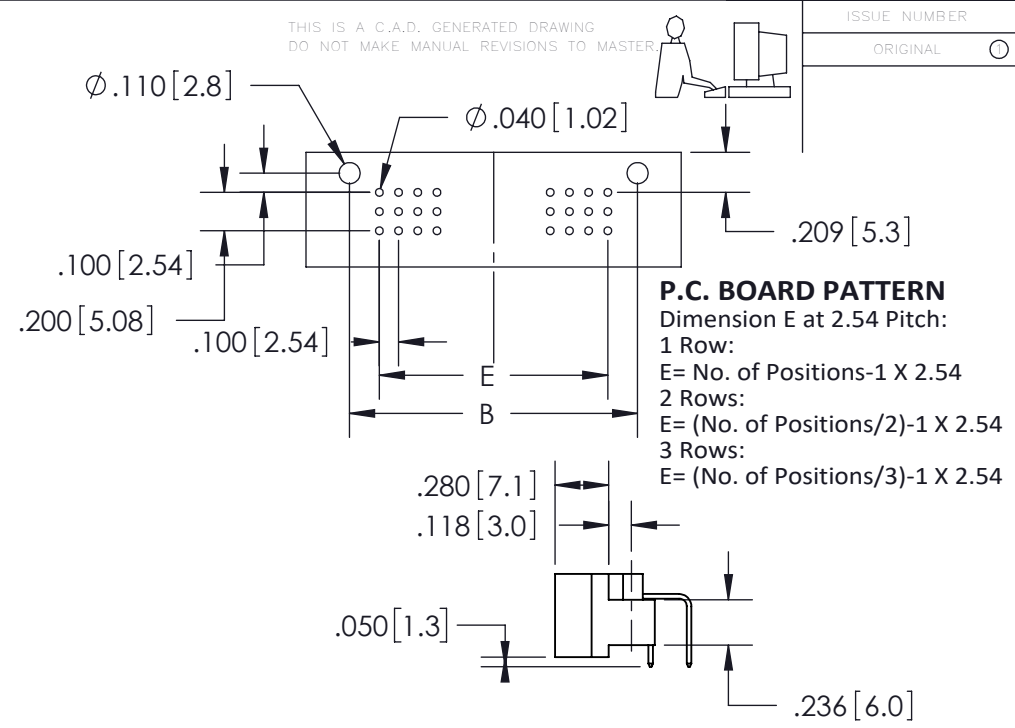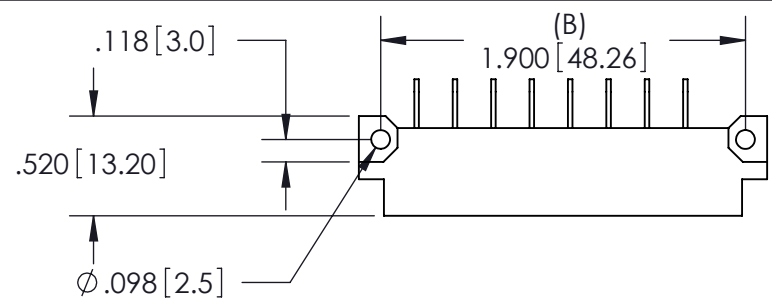
Features:
• High density 96 Contact 3 Row Metal-to-Metal Connector on
2.54mm (.100") Grid
• Contacts: 90° Bend
• Contact Material and Finish: CA725 with selective gold plating: 260- Gold Flash Plating
and tin on tails   360- 15u" of Gold Plating
• Contact Tails: 0.6 x 0.5mm (.024" x .020")   660- 30u" of Gold Plating
• 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: 16, 32, 48, 64, and 96 positions
• Available in High Temperature Material, only for
64 (a-c) and 96 positions (See Ordering Guide)
• Connectors designed to meet DIN 41612-C 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 (10^6) ohms
• Dielectric Withstanding Voltage: 1000 V.A.C RMS
• Basic Grid: 2.54mm (.100")
• Operating Temperature: -55°C to +105°C

495 Series Metal-To-Metal DIN Connector
PART NUMBER: 495-016-660-622

ACAD REFERENCE NO. 495 -ENG-MASTER		
DRAWN:R.STA.MONICA	DATE: APR. 5/10	
CHECKED:	DATE:	
SCALE: NTS	SHEET 1 OF 1	
DRAWING NUMBER		ISSUE
495 -ENG-MASTER		1

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TORONTO, ONTARIO
CANADA
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