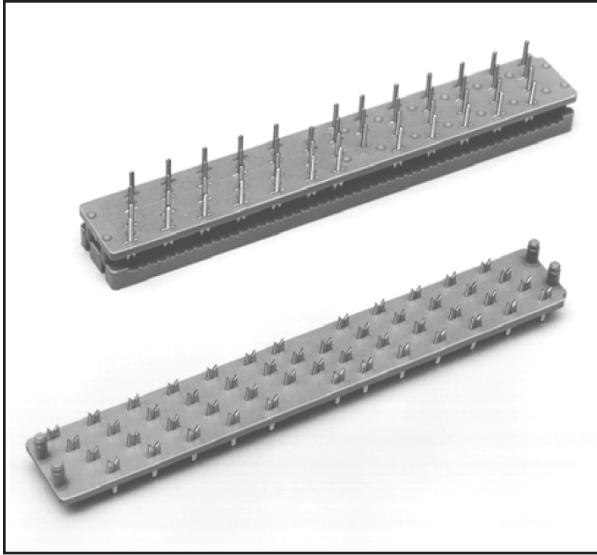


3M™ PCB Connector

.100" Four Row

3400 Series



- Low profile
- Standard staggered grid
- Variety of pin lengths and plating options available
- See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of www.3Mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: July 20, 2012

TS-0005-B
Sheet 1 of 4

Physical

Insulation:

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

Contact:

Material: Copper Alloy

Plating:

Underplating: 100 μ" [2.54 μm] Nickel

U-Slot and Solder Tails: 10 μ" [0.25 μm] Gold or 200 μ" [5.08 μm] Tin Lead

Wire Accommodation: 26 and 28 AWG Solid and Stranded

Marking: 3M Logo and Part Identification Number

Electrical

Current Rating: 1 A

Insulation Resistance: $>1 \times 10^9 \Omega$ at 500 V_{DC}

Withstanding Voltage: 1,000 V_{RMS} at Sea Level

Environmental

Temperature Rating: -55°C to +105°C

Process Rating: Maximum molded insulator temperature 191°C. Maintain terminated cable temperature below 160°C. (Solder Wave Process Only)

UL File No.: E68080

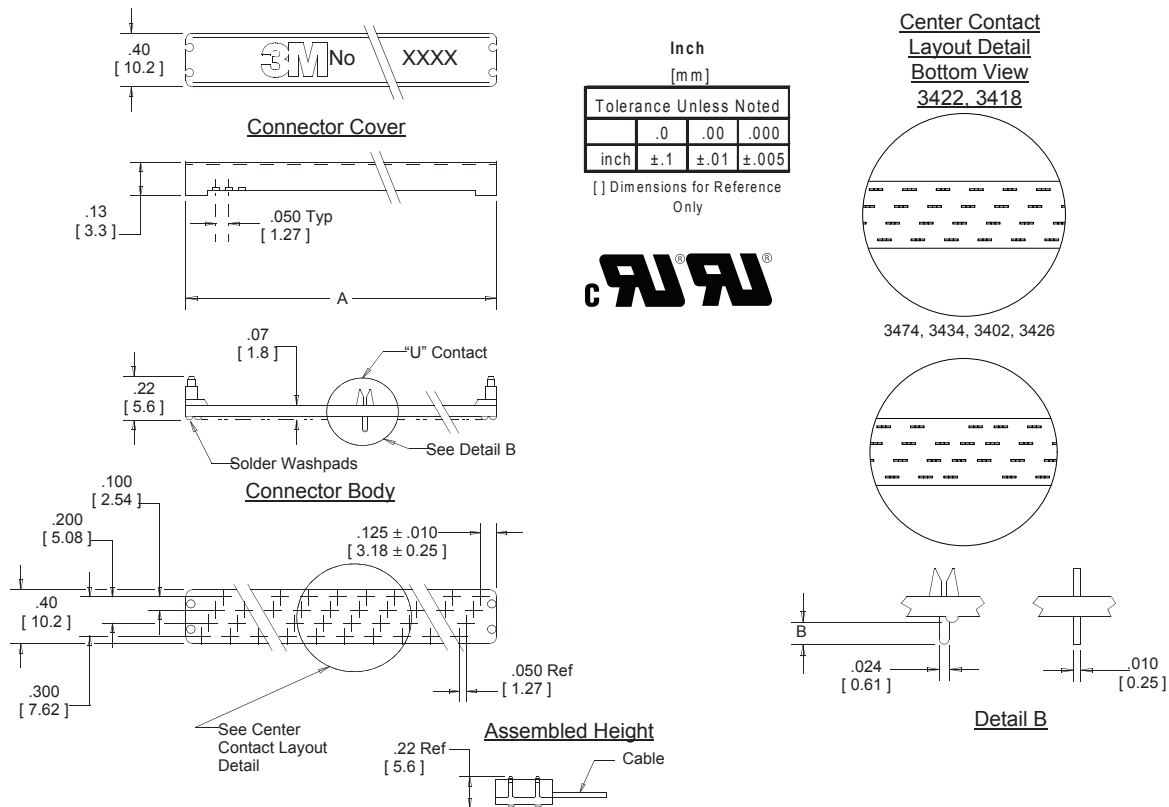


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Interconnect Solutions
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.100" Four Row

3400 Series



Contact Qty	Product Number	Dimension "A"	Locator Plate
10	3474	.70 [17.8]	3443-15
20	3422	1.20 [30.5]	3443-16
26	3434	1.50 [38.1]	3443-15
34	3402	1.90 [48.3]	3443-15
40	3418	2.20 [55.9]	3443-16
50	3426	2.70 [68.6]	3443-15

Ordering Information

34XX- 000X X

Product number
(see chart above)

- Tail length:
DIM B

0 = .097 [2.46] for .062" [1.57] pc board
1 = .153 [3.89] for .125" [3.18] pc board

Plating Option:
blank = gold plated (App. E1 & C1 Apply)
T = tin-lead plated (App. E3 & C2 Apply)

Notes:

1. Assembly tools: 3M™ Press (or equivalent) 3640, 3M™ Platen 3442-9, see above for 3M™ Locator Plate.

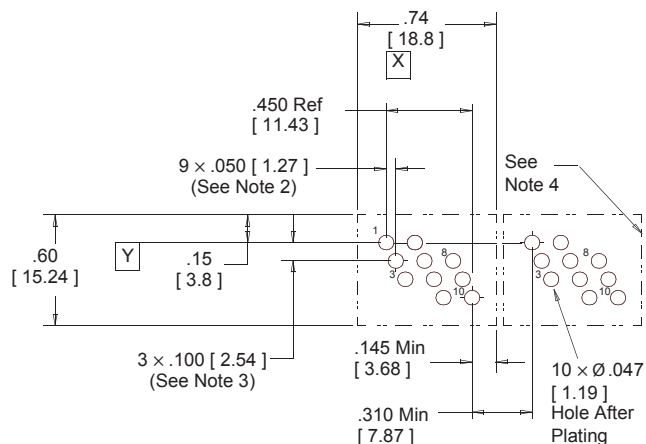
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Sheet 2 of 4

3M™ PCB Connector

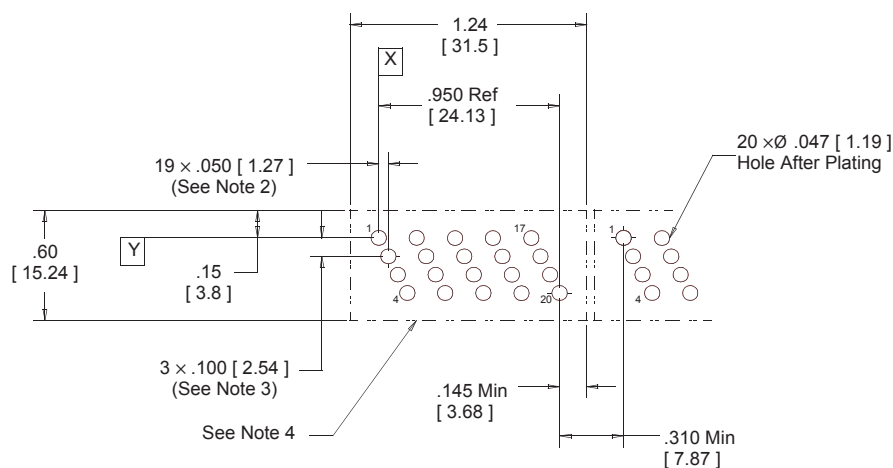
.100" Four Row

3400 Series

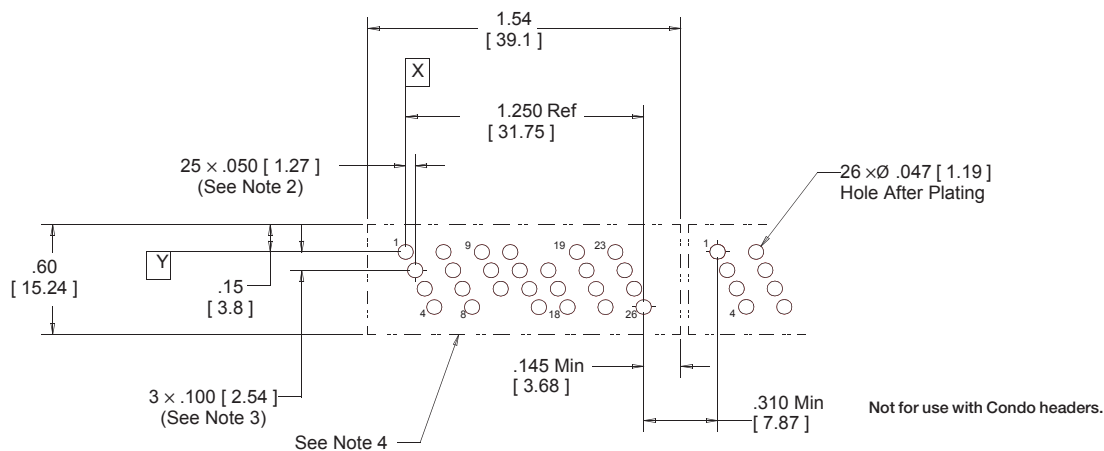
3M Part Number 3474 (10 Pin)



3M Part Number 3422 (20 Pin)



3M Part Number 3434 (26 Pin)



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Sheet 3 of 4



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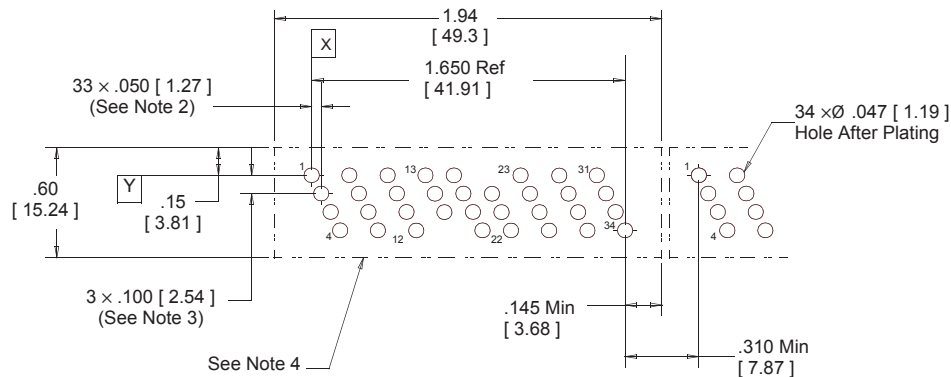
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3M™ PCB Connector

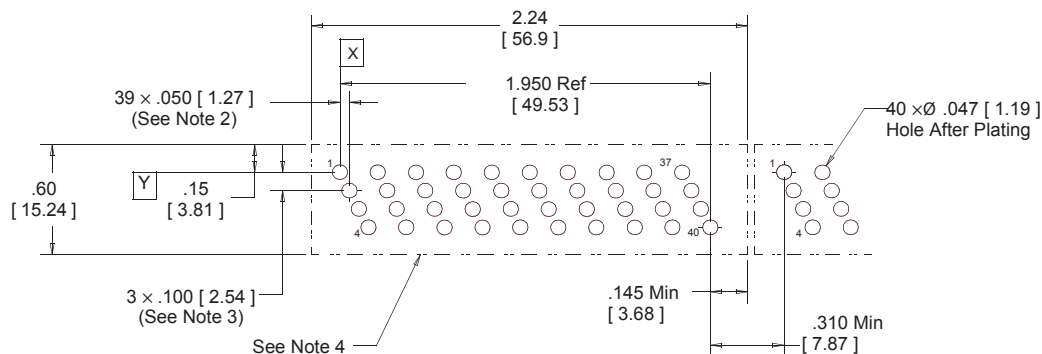
.100" Four Row

3400 Series

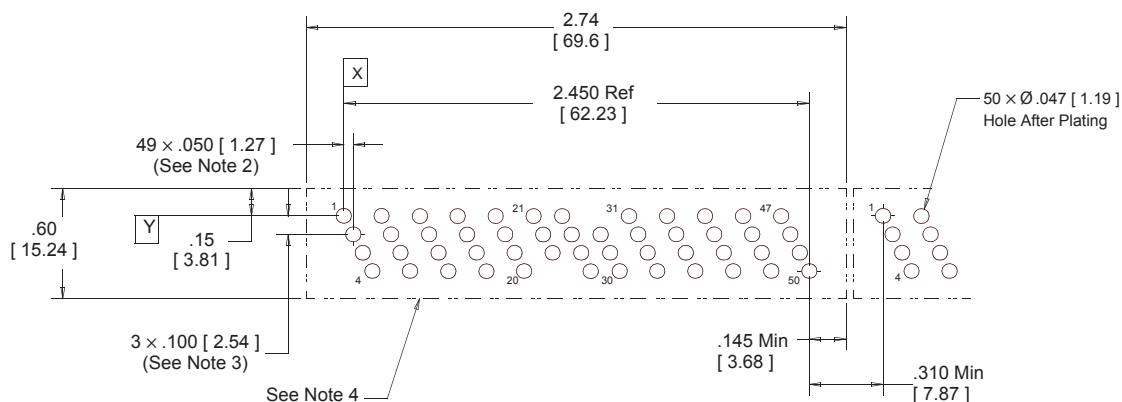
3M Part Number 3402 (34 Pin)



3M Part Number 3418 (40 Pin)



3M Part Number 3426 (50 Pin)



Notes:

1. Hole pattern is shown for the mounting side of the P.C. Board.
2. Each location may vary $\pm .002$ [0.05] from Datum line X.
3. Each location may vary $\pm .002$ [0.05] from Datum line Y.
4. Min P.C. Board area required per connector.

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Sheet 4 of 4



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3M Electronics Solutions Division

6801 River Place Blvd.
Austin, TX 78726-9000
U.S.A.
1-800-225-5373
www.3Mconnectors.com

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