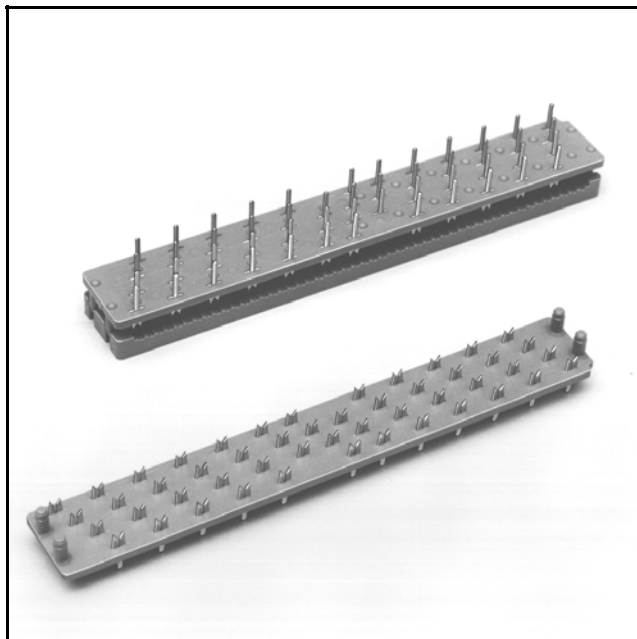


3M™ PCB

.100" × .100" Four Row

3400 Series



- Low profile
- Standard staggered grid
- Variety of pin lengths and plating options available
- Gold plated product is RoHS* compliant

Date Modified: March 7, 2006

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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 - QQ-N-290, Class 2
U-Slot and Solder Tails: 10 μ" [0.25 μm] Gold - MIL-G-45204, Type II, Grade C
or 200 μ" [5.08 μm] Tin Lead

Wire Accommodation: 26 & 28 AWG Solid & Stranded

Marking: 3M Logo and Part Identification Number

Electrical

Current Rating: 1 A

Insulation Resistance: $> 1 \times 10^9 \Omega$ at 500 VDC

Withstanding Voltage: 1000 Vrms at Sea Level

Environmental

Temperature Rating: -55°C to +120°C

*"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated in writing by 3M, this information represents 3M's knowledge and belief based on information provided by third party suppliers to 3M.

UL File No.: E68080

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Interconnect Solutions
<http://www.3M.com/interconnects/>

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3M™ PCB

.100" × .100" Four Row

3400 Series

Connector Cover

Connector Body

Assembled Height

Center Contact Layout Detail Bottom View 3422, 3418

Center Contact Layout Detail Bottom View 3474, 3434, 3402, 3426

Detail B

Tolerance Unless Noted

	.0	.00	.000
inch	±.1	±.01	±.005

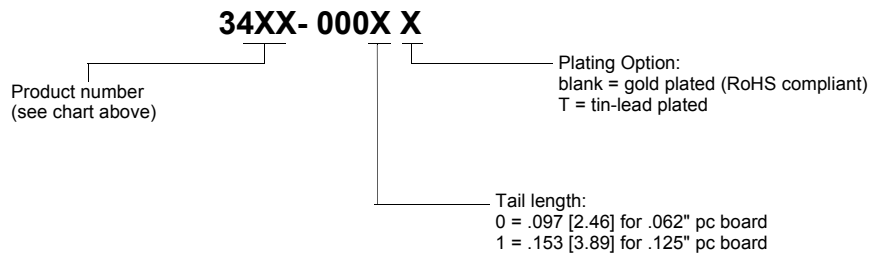
[] Dimensions for Reference Only

Assembled Height

Suffix:	Dim "B"
-0000	.097 [2.46] for .062" pc board
-0001	.153 [3.89] for .125" pc board

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

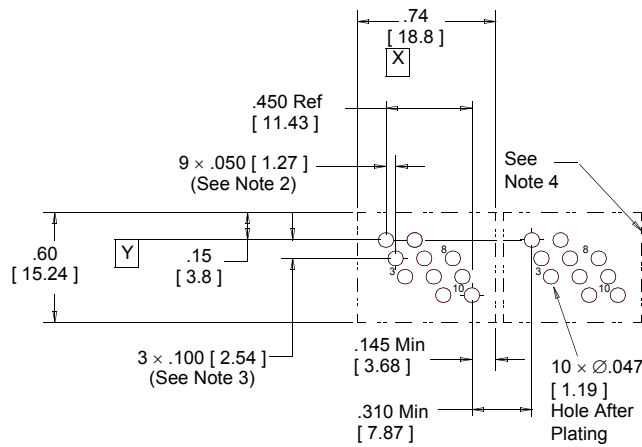


Notes:

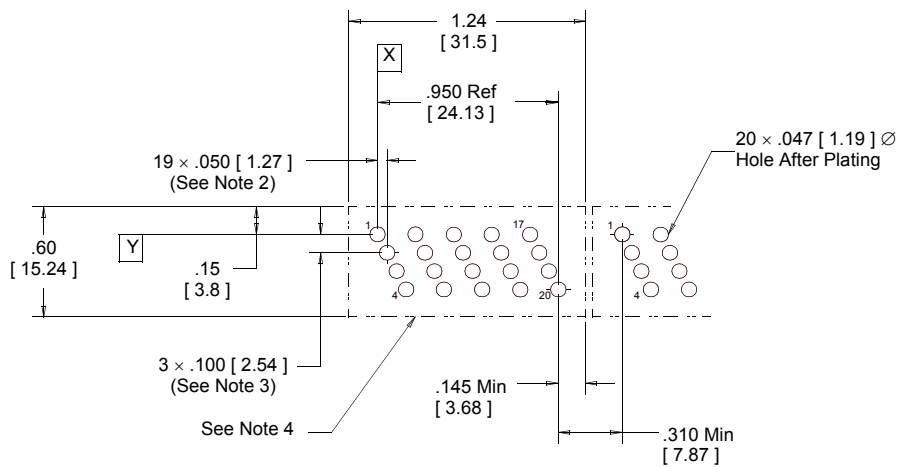
- Product may require process accommodations with "no lead" solder.
- Assembly tools: 3640 press (or equivalent), 3442-9 platen, see above for locator plate.

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Sheet 2 of 4

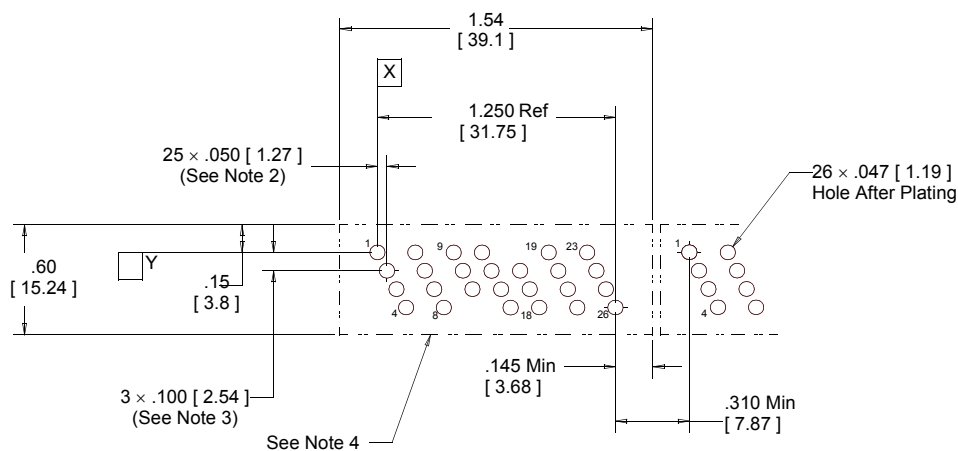
3M Part Number 3474 (10 Pin)

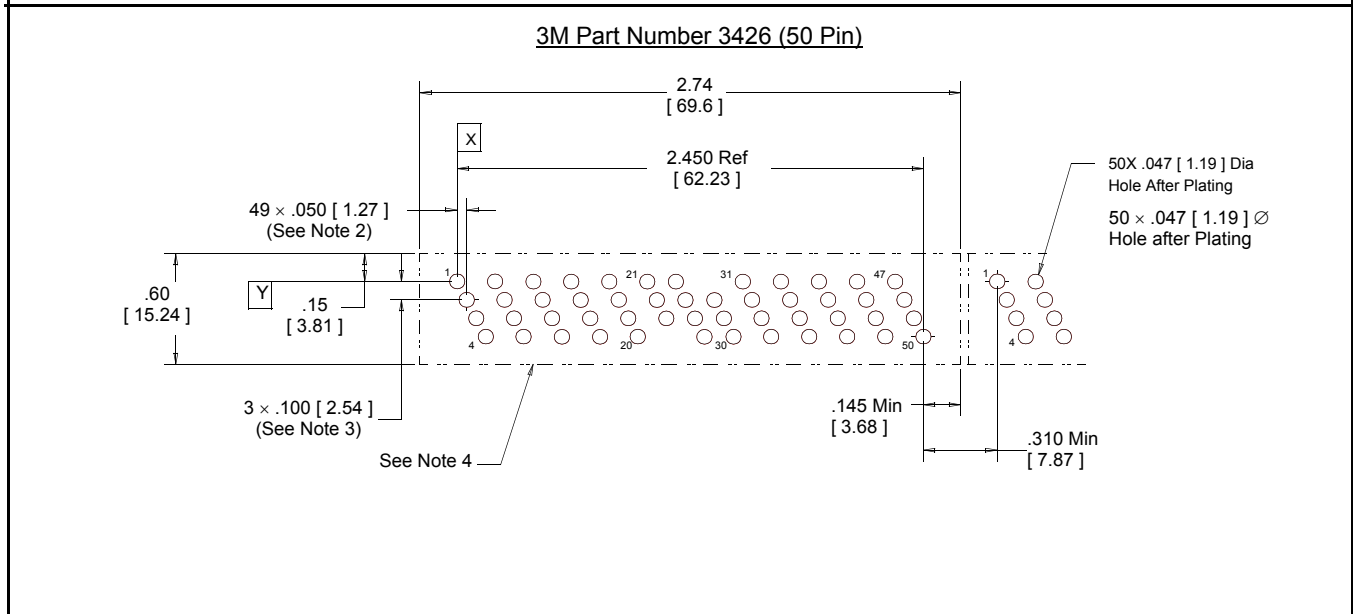
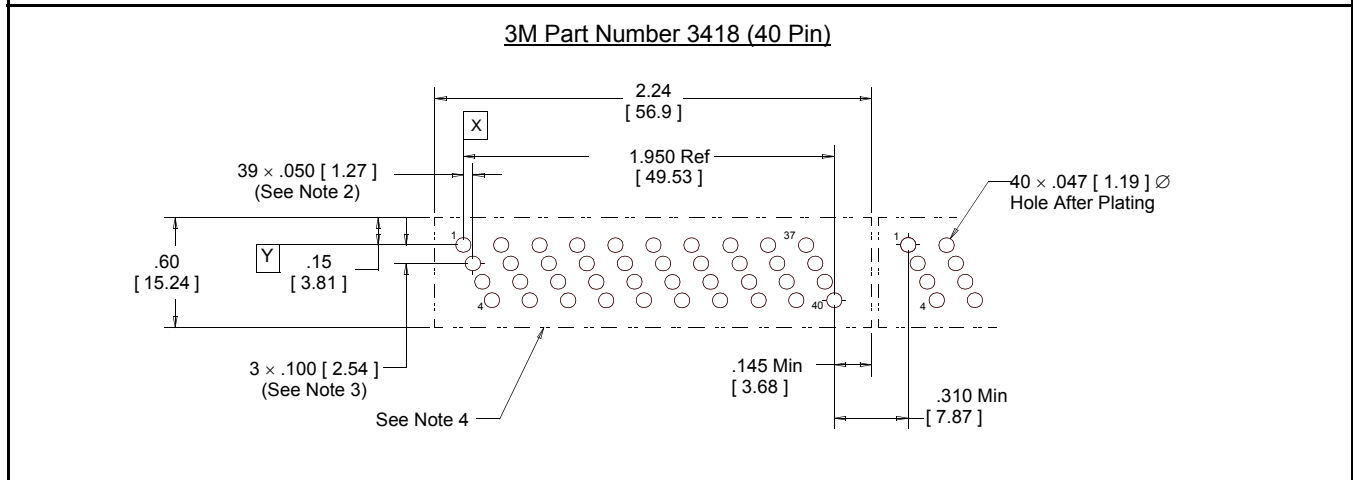
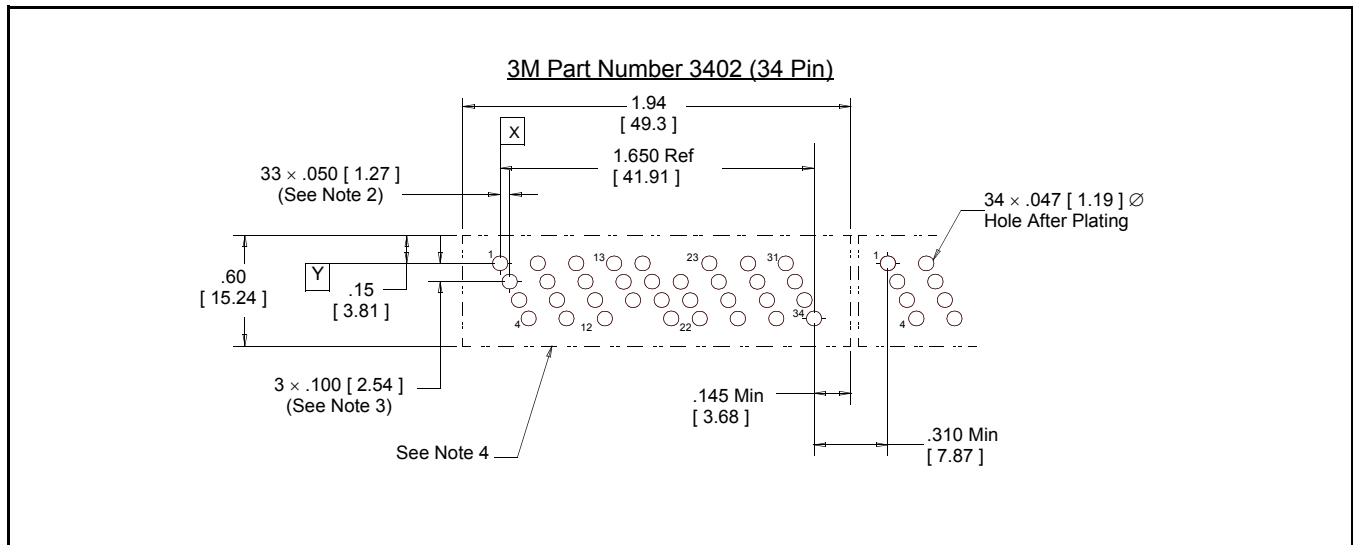


3M Part Number 3422 (20 Pin)



3M Part Number 3434 (26 Pin)





Notes:

1. Hole pattern is shown for the mounting side of the P.C. Board.
2. Each location may vary ± .002 [0.05] from Datum line X.
3. Each location may vary ± .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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