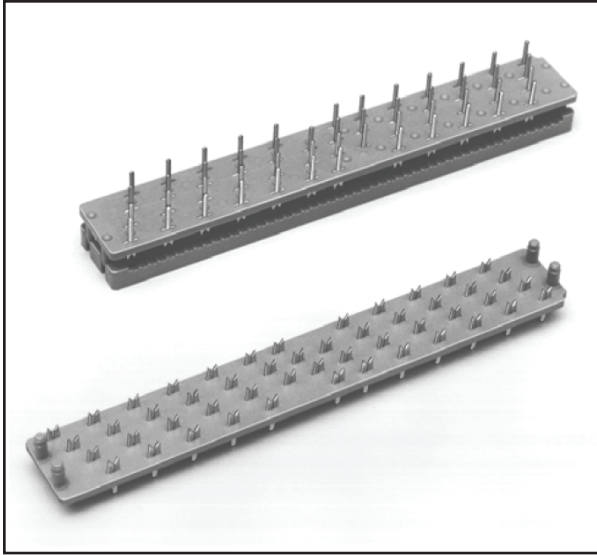


# 3M™ PCB Connector

.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](http://www.3Mconnectors.com) for compliance information (RIA E1 & C1 apply)

Date Modified: July 20, 2012

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Sheet 1 of 4

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## 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<sub>DC</sub>

**Withstanding Voltage:** 1,000 V<sub>RMS</sub> at Sea Level

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## 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



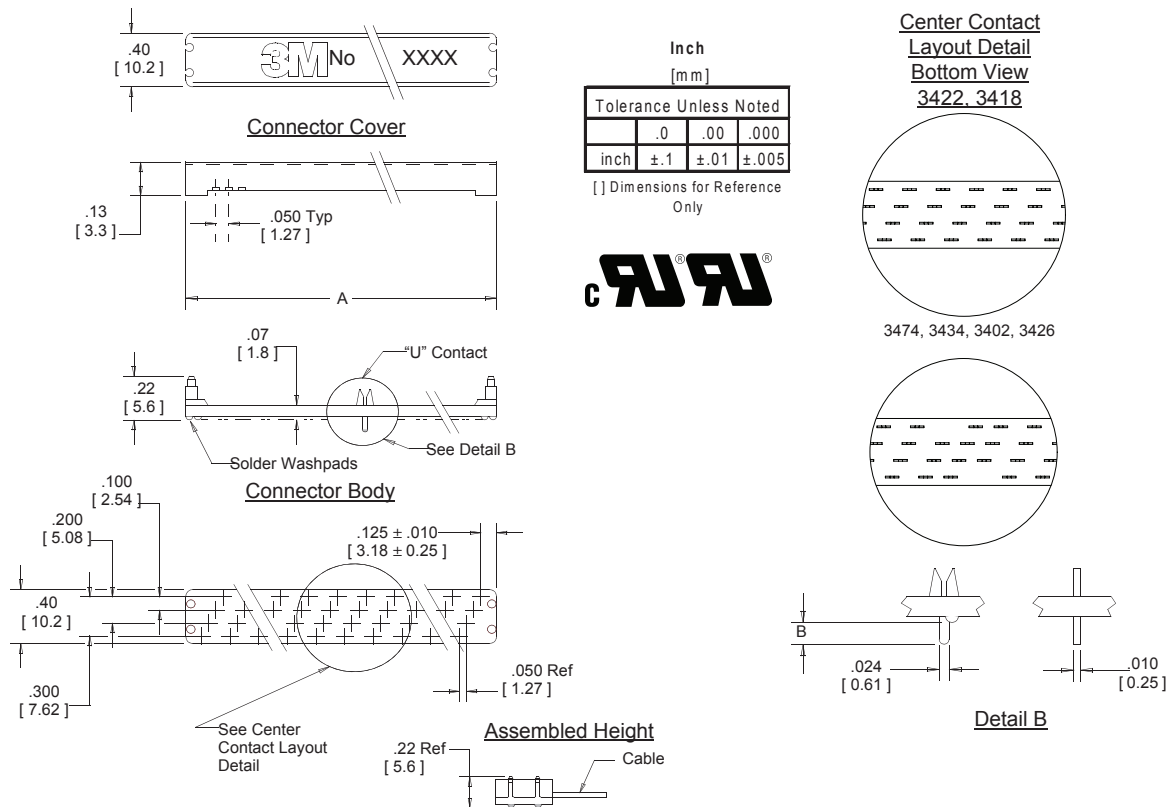
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# 3M™ PCB Connector

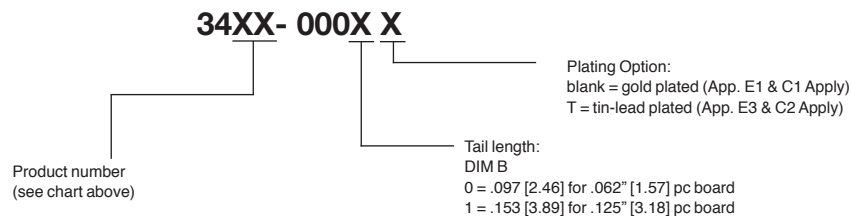
.100" Four Row

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



Notes:

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

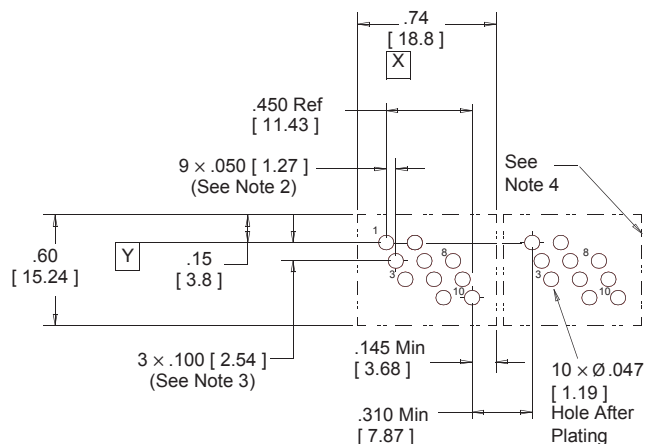
TS-0005-B  
Sheet 2 of 4

# 3M™ PCB Connector

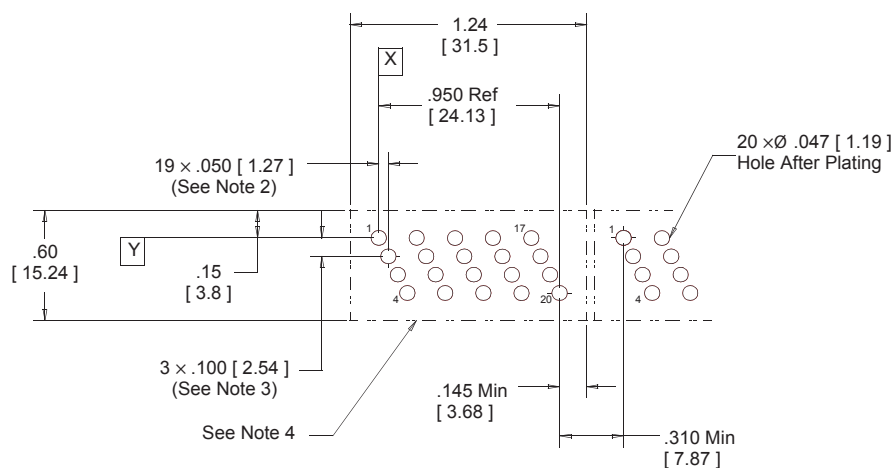
.100" Four Row

3400 Series

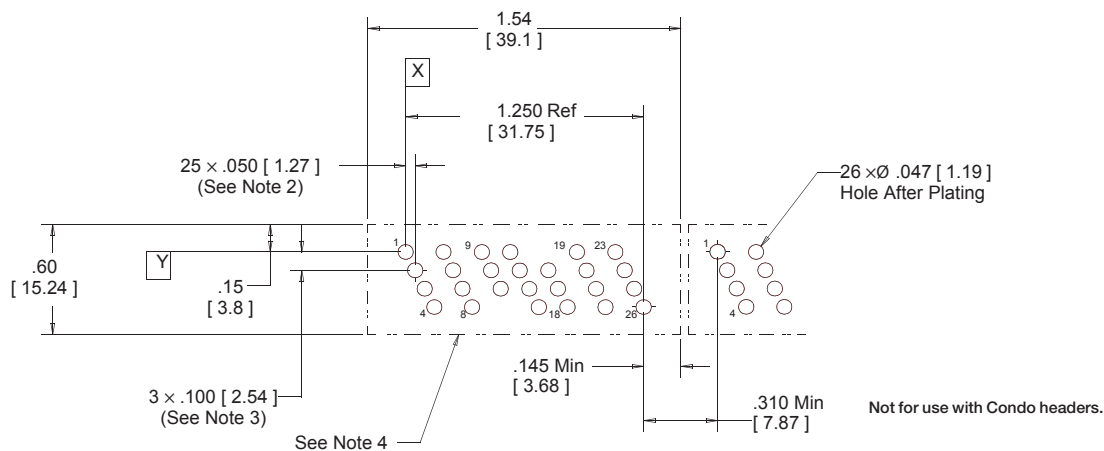
3M Part Number 3474 (10 Pin)



3M Part Number 3422 (20 Pin)



3M Part Number 3434 (26 Pin)



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Sheet 3 of 4

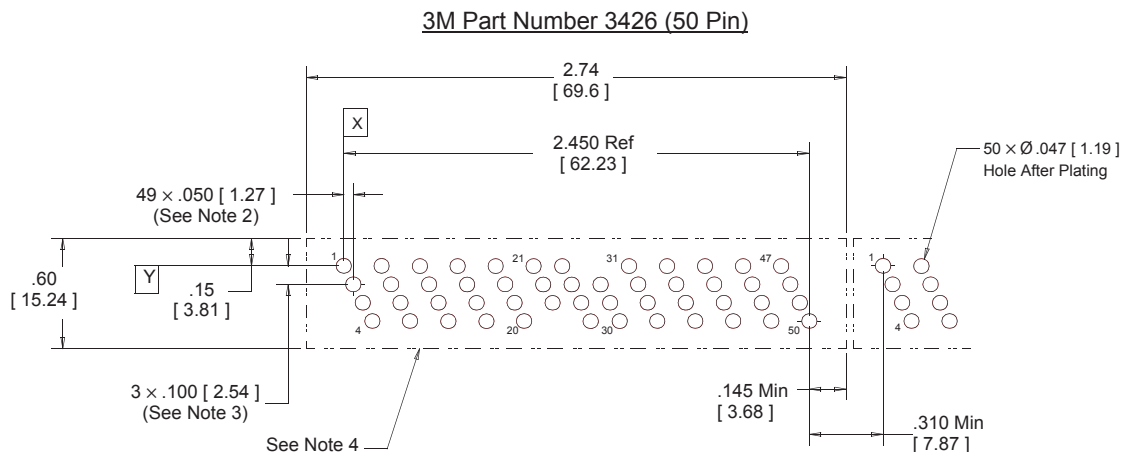
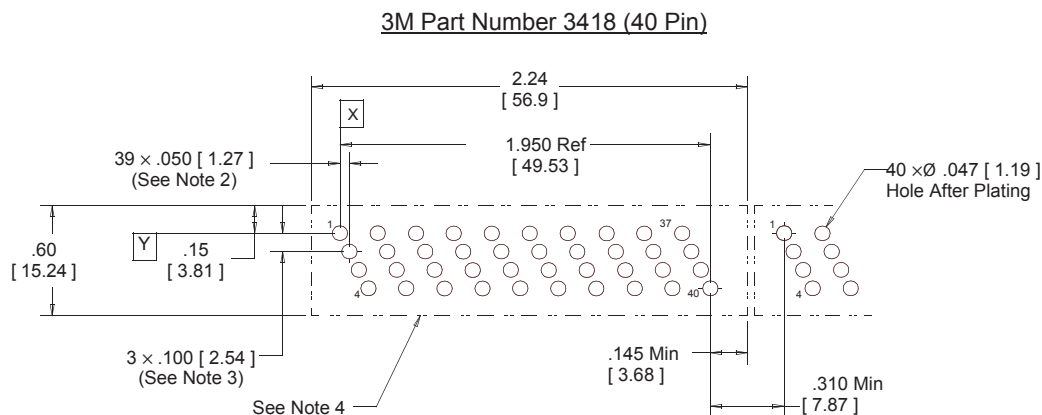
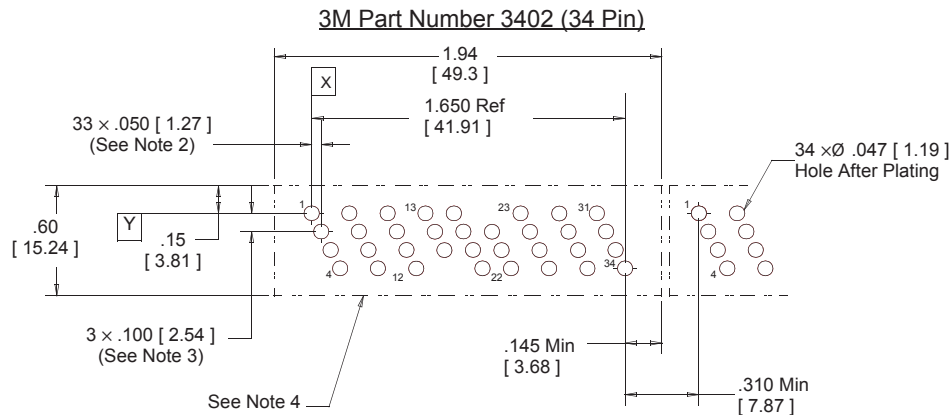


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## .100" Four Row

## 3400 Series



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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