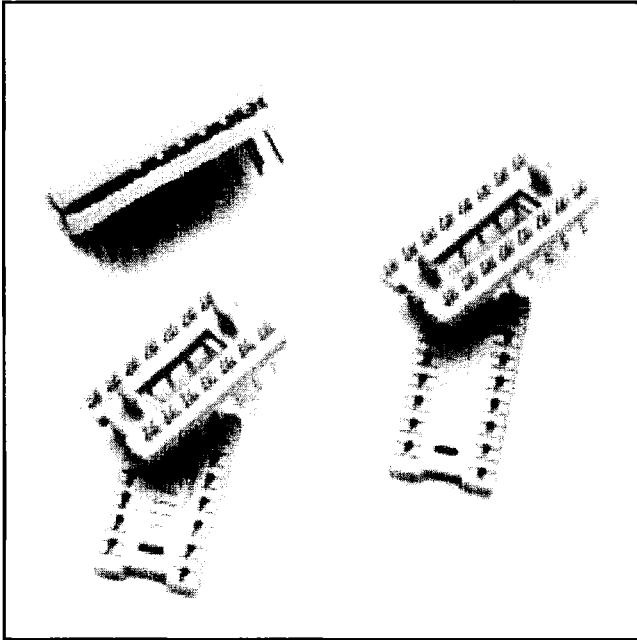


# .100" × .300" DIP

14, 16 & 18 Position



- Fits standard IC sockets
- Strong legs, less susceptible to bending or breaking
- Gold or tin lead plating options
- Round or rectangular contact leg options
- Low profile

Date Issued: February 19, 1999

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Sheet 1 of 2

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## Physical

### Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL94V-0

Color: Gray

### Contact

Material: Copper Alloy

Plating

Underplate: 100  $\mu$ " [ 2.54  $\mu$ m ] Nickel — QQ-N-290, Class 2

U-Slot & Solder Tails: 30  $\mu$ " [ 0.76  $\mu$ m ] Gold — MIL-G-45204, Type II, Grade C or  
200  $\mu$ " [ 0.76  $\mu$ m ] 90/10 Tin Lead — MIL-P-81728

Wire Accomodation: 26 & 28 AWG Solid or Stranded

Marking: 3M Logo, Part Identification and Contact Position Numbers

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## Electrical

Current Rating: 1 A

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

Withstanding Voltage: 1000 Vrms at Sea Level

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## Environmental

Temperature Rating:  $-55^\circ\text{C}$  to  $+105^\circ\text{C}$

UL File No.: E68080

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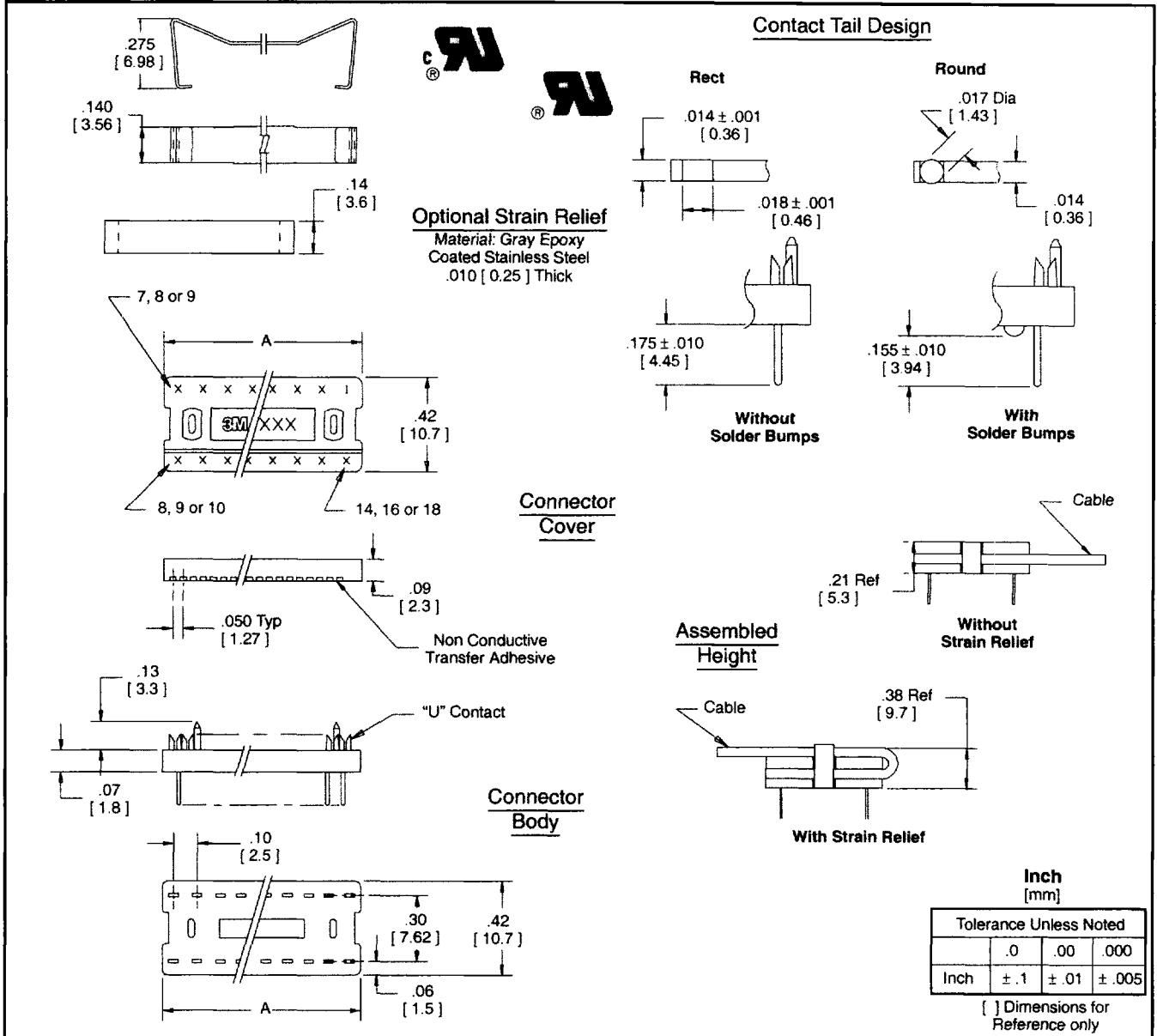
### 3M Electronic Products Division

6801 River Place Blvd.  
Austin, TX 78726-9000

For technical, sales or ordering information call  
**800-225-5373**

# .100" × .300" DIP

## 14, 16 & 18 Position



### Ordering Information

#### Connector

| Contact Quantity | 3M Part Number | Contact Tail | Contact Plating | Solder Bump | Dimension A |
|------------------|----------------|--------------|-----------------|-------------|-------------|
| 14               | 3406-0000      | Rect         | Gold            | No          | .75 [19.1]  |
|                  | 3406-0000T     | Rect         | Tin Lead        | No          |             |
|                  | 3406-0010      | Rect         | Gold            | Yes         |             |
|                  | 3406-0010T     | Rect         | Tin Lead        | Yes         |             |
| 16               | 3416-0000      | Rect         | Gold            | No          | .85 [21.6]  |
|                  | 3416-0000T     | Rect         | Tin Lead        | No          |             |
|                  | 3416-0010      | Rect         | Gold            | Yes         |             |
|                  | 3416-0010T     | Rect         | Tin Lead        | Yes         |             |
| 18               | 3416-0002      | Round        | Gold            | No          | .95 [24.1]  |
|                  | 3563-3000      | Rect         | Gold            | No          |             |
|                  | 3563-3010T     | Rect         | Tin Lead        | Yes         |             |
|                  | 3563-3002      | Round        | Gold            | No          |             |
|                  | 3563-3012T     | Round        | Tin Lead        | Yes         |             |

#### Strain Relief (Optional)

| 3M Part Number | Used On | Dimension B |
|----------------|---------|-------------|
| 3448-3406      | 3406    | .72 [18.3]  |
| 3448-3416      | 3416    | .82 [20.8]  |
| 3448-3563      | 3563    | .92 [23.4]  |

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