

# 3M™ Pak 100 DIP

.100" × .300" 14, 16 and 18 Position

3000 Series



- 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 Modified: June 11, 2004

TS-0617-08  
Sheet 1 of 2

## Physical

### Insulation

Material: Glass Filled Polyester (PBT)  
Flammability: UL94V-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: 30 μ" [ 0.76 μm ] Gold — MIL-G-45204, Type II, Grade C or  
200 μ" [ 0.76 μm ] 90/10 Tin Lead — MIL-P-81728

**Wire Accommodation** 26 and 28 AWG Solid or Stranded

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

File Replace by consolidated ts file:

## Electrical

**Current Rating:** 1 A

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

**Withstanding Voltage:** 1000 Vrms at Sea Level

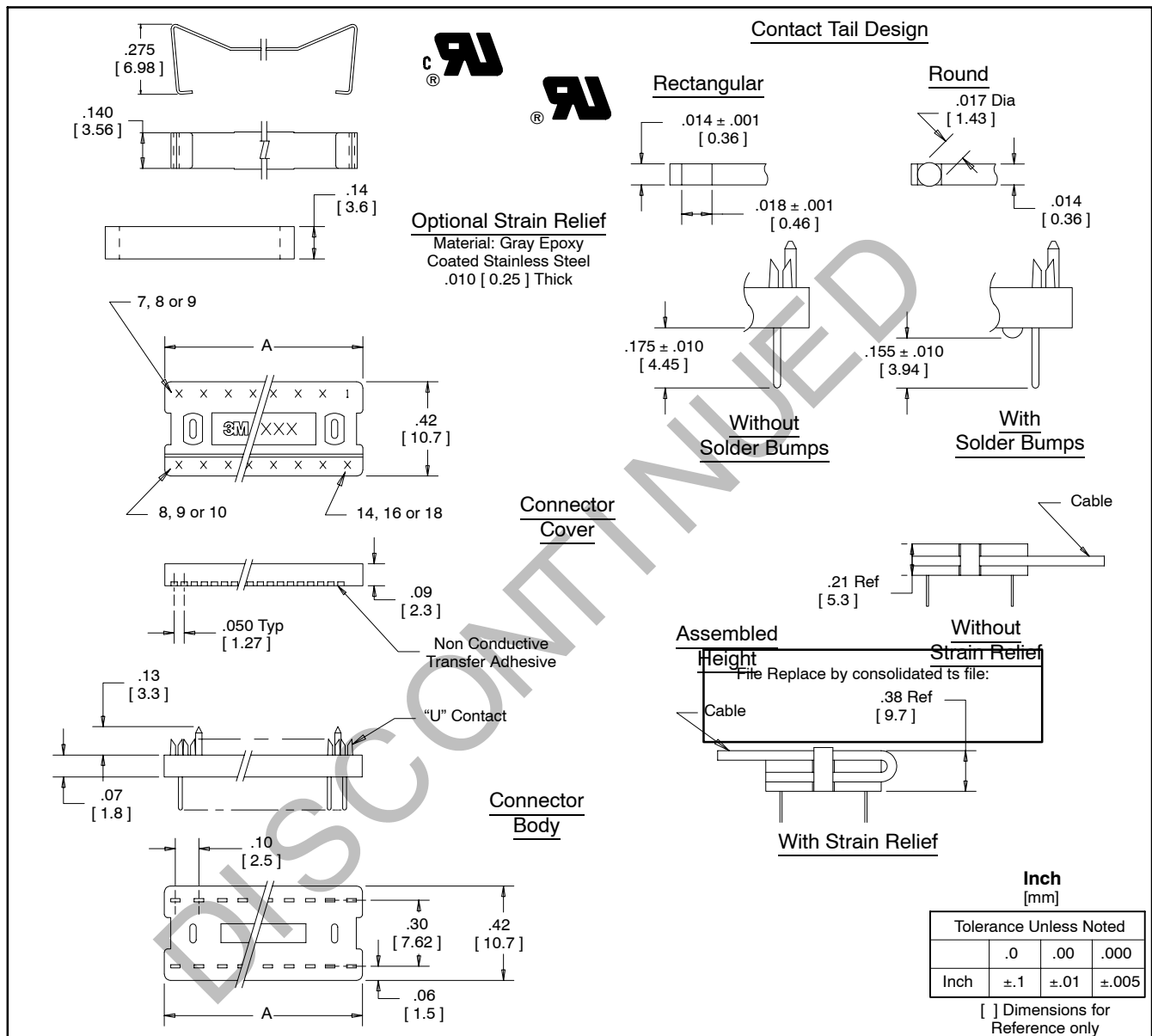
## Environmental

**Temperature Rating:** -55°C to +105°C

UL File No.: E68080

**3M**  
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**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          |             |
|                  | 3406-0010T     | Rect         | Tin Lead        | Yes         |             |
|                  | 3406-0002      | Round        | Gold            | No          |             |
| 16               | 3416-0000      | Rect         | Gold            | No          | .85 [21.6]  |
|                  | 3416-0000T     | Rect         | Tin Lead        | No          |             |
|                  | 3416-0010T     | Rect         | Tin Lead        | Yes         |             |
|                  | 3416-0002      | Round        | Gold            | No          |             |
| 18               | 3563-3000      | Rect         | Gold            | No          | .95 [24.1]  |
|                  | 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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#### **Electronic Solutions Division**

6801 River Place Blvd.  
Austin, TX 78726-9000  
[www.3M.com/esd](http://www.3M.com/esd)

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