

# 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

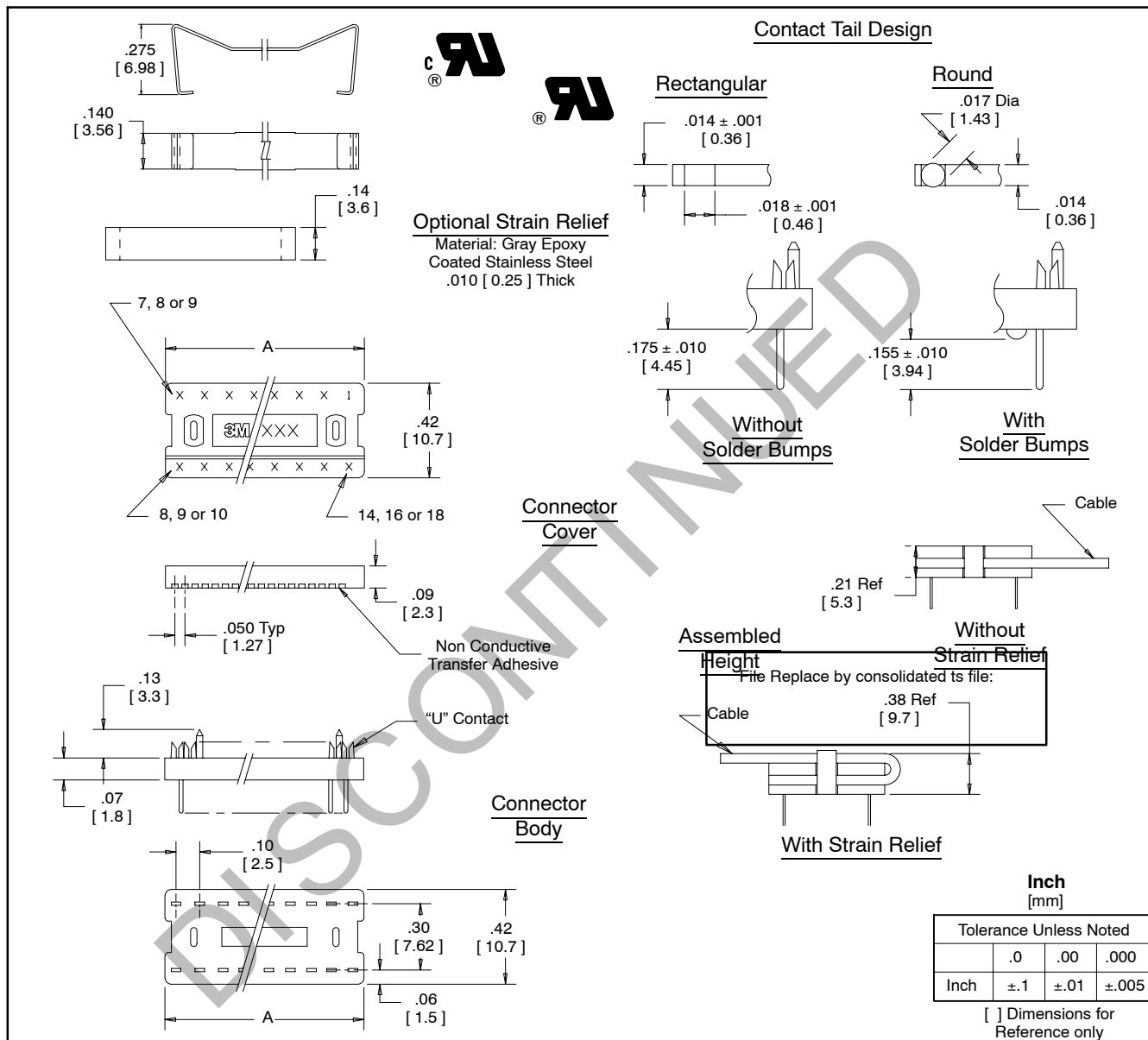
## Environmental

**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

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