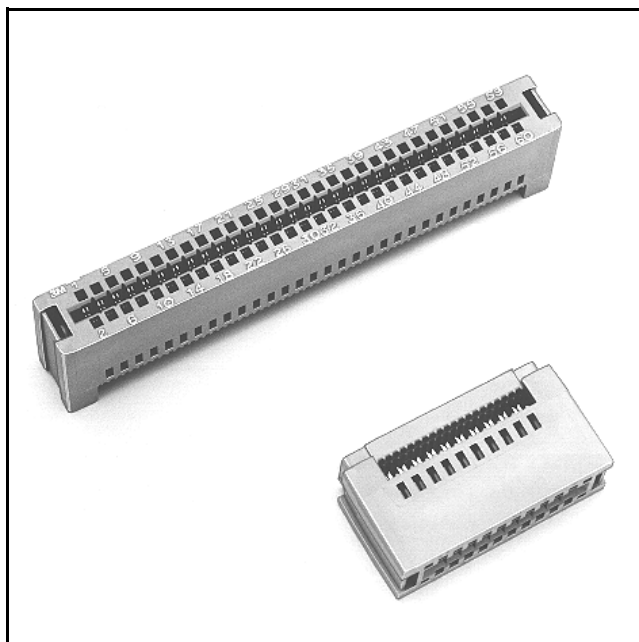


# 3M™ Pak 100 Card-Edge

.100" Without Mounting Flange

3000 Series



- Reinforced card-edge resists mouth bowing for consistent contact performance
- Metal cover clips provide superior cover retention
- Bifurcated contacts provide reliable contact with PC boards
- Keying plug 3439-2 provides polarization and/or keying
- Optional strain relief
- RoHS\* compliant

Date Modified: February 15, 2005

TS-0010-13  
Sheet 1 of 2

---

## Physical

### Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

### Contact

Material: Copper Alloy

### Plating:

Underplating and U-Slot: 100  $\mu$ " [ 2.54  $\mu$ m ] Nickel - QQ-N-290, Class 2

Wiping Area:: 30  $\mu$ " [ 0.76  $\mu$ m ] Gold - MIL-G-45204, Type II, Grade C

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 +105°C

UL File No.: E68080

\*RoHS = Directive 2002/95/EC,  
Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

# 3M™ Pak 100 Card-Edge

.100" Without Mounting Flange

3000 Series

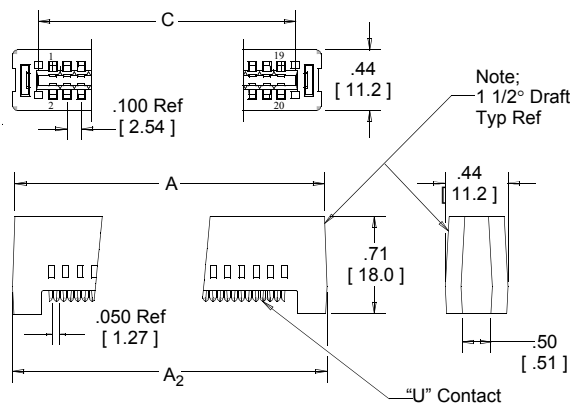
Contact Quantity	3M Part Number	Strain Relief Part Number	Dimensions				
			A	A <sub>2</sub>	B	C	D
10	3358	3448-52	0.96 [ 24.4 ]	0.97 [ 24.6 ]	0.85 [ 21.6 ]	0.612 [ 15.54 ]	0.95 [ 24.1 ]
16	3368	3448-53	1.26 [ 32.0 ]	1.27 [ 32.3 ]	1.15 [ 29.2 ]	0.912 [ 23.16 ]	1.25 [ 31.8 ]
20	3461	3448-54	1.46 [ 37.1 ]	1.47 [ 37.3 ]	1.35 [ 34.3 ]	1.112 [ 28.24 ]	1.45 [ 36.8 ]
26	3462	3448-55	1.76 [ 44.7 ]	1.77 [ 45.0 ]	1.65 [ 41.9 ]	1.412 [ 35.86 ]	1.75 [ 44.4 ]
34	3463	3448-56	2.16 [ 54.9 ]	2.17 [ 55.1 ]	2.05 [ 52.1 ]	1.812 [ 46.02 ]	2.15 [ 54.6 ]
40	3464	3448-57	2.46 [ 62.5 ]	2.47 [ 62.7 ]	2.35 [ 59.7 ]	2.112 [ 53.64 ]	2.45 [ 62.2 ]
50	3415	3448-58	2.96 [ 75.2 ]	2.97 [ 75.4 ]	2.85 [ 72.4 ]	2.612 [ 66.34 ]	2.95 [ 74.9 ]
60	3666	3448-31	3.46 [ 87.9 ]	3.47 [ 88.1 ]	3.35 [ 85.1 ]	3.112 [ 79.04 ]	3.45 [ 87.6 ]
64	3403	3448-59	3.66 [ 93.0 ]	3.67 [ 93.2 ]	3.55 [ 90.2 ]	3.312 [ 84.12 ]	3.65 [ 92.7 ]



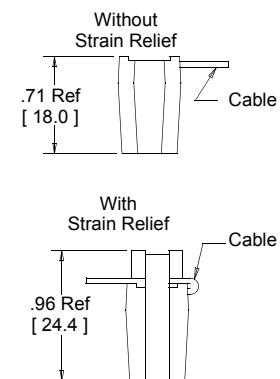
Inch [mm]			
Tolerance Unless Noted			
	.0	.00	.000
inch	±.1	±.01	±.005

[ ] Dimensions for Reference Only

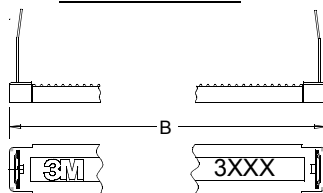
## Connector Body



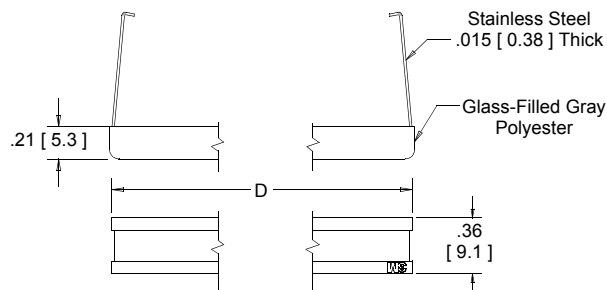
## Assembled Height



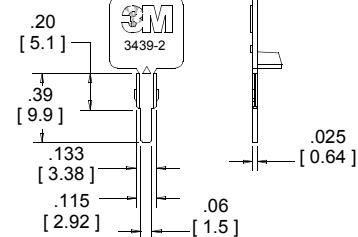
## Connector Cover



## Optional Strain Relief (Order Separately)



## Breakaway Tab



## Optional Keying Plug Material-Glass Filled Polyester

Note: For recommended board layout see drawing number TS-0014.

## Ordering Information

XXXX-0001

3M Part Number:  
See Table

Application tools: 3640 press (or equivalent), 3443-63 locator plate, 3442-30.

TS-0010-13  
Sheet 2 of 2

## Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

## Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of 1 year from the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**



### Electronic Solutions Division

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



Minimum 10%  
Post-consumer Fiber

Printed in USA.

© 3M 2005