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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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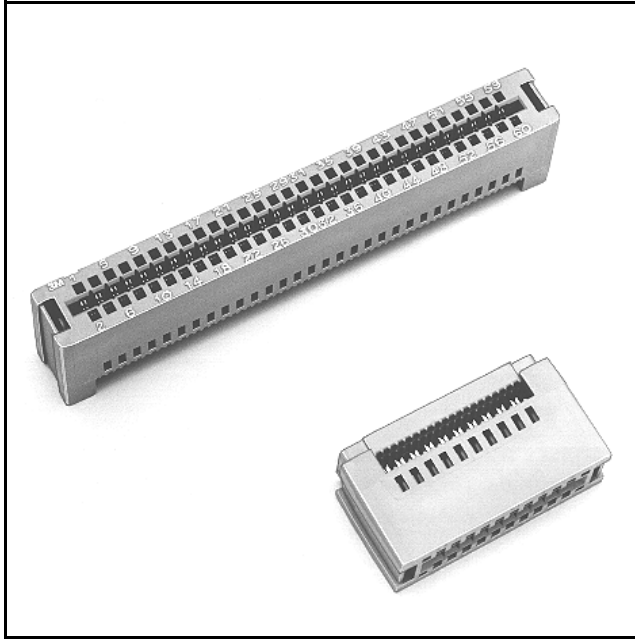
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# 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

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## 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

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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°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

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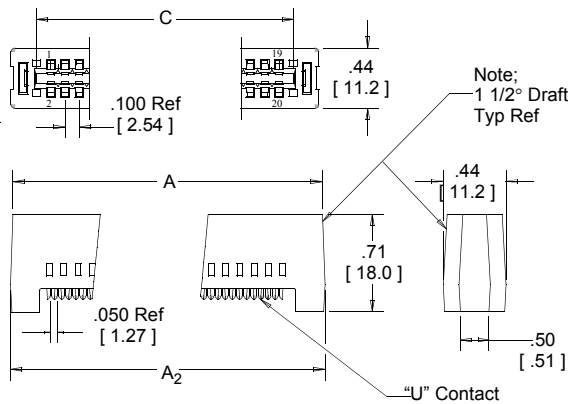


Contact Quantity	3M Part Number	Strain Relief Part Number	Dimensions				
			A	A <sub>2</sub>	B	C	D
10	3358	3448-52	0.96 [24.4]	0.97 [24.6]	0.85 [21.6]	0.612 [15.54]	0.95 [24.1]
16	3368	3448-53	1.26 [32.0]	1.27 [32.3]	1.15 [29.2]	0.912 [23.16]	1.25 [31.8]
20	3461	3448-54	1.46 [37.1]	1.47 [37.3]	1.35 [34.3]	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]

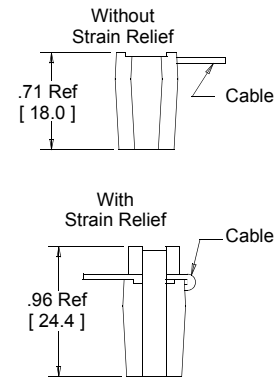
Inch [mm]			
Tolerance Unless Noted			
	.0	.00	.000
inch	±.1	±.01	±.005

[ ] Dimensions for Reference Only

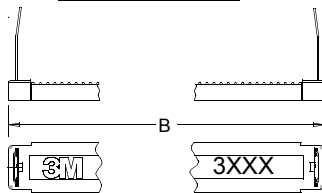
### Connector Body



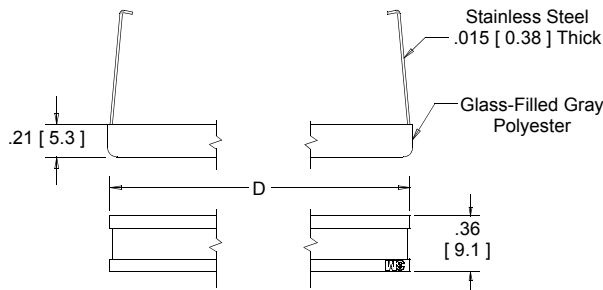
### Assembled Height



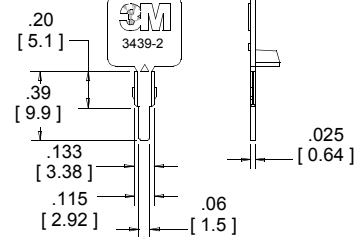
### Connector Cover



### 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.

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Sheet 2 of 2

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