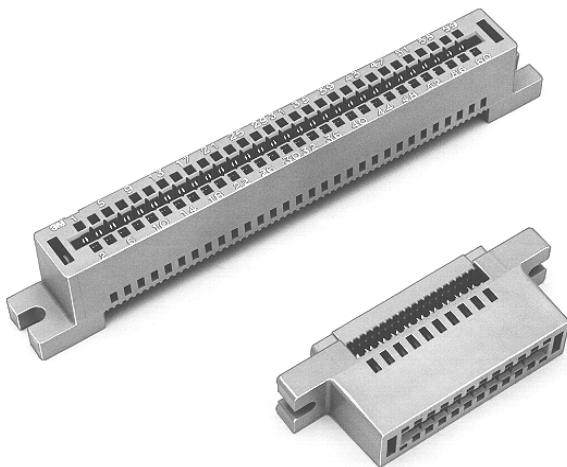


# 3M™ Card-Edge

## .100" With Slotted Mounting Flanges

3000 Series



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

Date Modified: January 11, 2007

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## Physical

### Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

### Contact

Material: Copper Alloy

### Cover Clip

Material: Stainless Steel

### Plating:

Underplating and U-Slot: 100  $\mu$ " [ 2.54  $\mu$ m ] Nickel

Wiping Area: 30  $\mu$ " [ 0.76  $\mu$ m ] Gold

Wire Accommodation: 26 awg 28 AWG Solid and Stranded

**Marking:** 3M Logo and Part Identification Number, Position Identification

## Electrical

**Current Rating:** 1 A

**Insulation Resistance:**  $> 1 \times 10^9 \Omega$  at 500 V<sub>DC</sub>

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

## Environmental

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

"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

UL File No.: E68080



Interconnect Solutions

<http://www.3M.com/interconnects/>

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For technical, sales or ordering information call

**800-225-5373**

# 3M™ Pak 100 Card-Edge

.100" With Slotted Mounting Flanges

3000 Series

Contact Quantity	3M Part Number	Dimensions				
		A	B	C	D	E
10	3358	0.96 [ 24.4 ]	0.85 [ 21.6 ]	0.612 [ 15.54 ]	1.30 [ 33.0 ]	1.50 [ 38.1 ]
16	3368	1.26 [ 32.0 ]	1.15 [ 29.2 ]	0.912 [ 23.16 ]	1.60 [ 40.6 ]	1.80 [ 45.7 ]
20	3461	1.46 [ 37.1 ]	1.35 [ 34.3 ]	1.112 [ 28.24 ]	1.80 [ 45.7 ]	2.00 [ 50.8 ]
26	3462	1.76 [ 44.7 ]	1.65 [ 41.9 ]	1.412 [ 35.86 ]	2.10 [ 53.3 ]	2.30 [ 58.4 ]
34	3463	2.16 [ 54.9 ]	2.05 [ 52.1 ]	1.812 [ 46.02 ]	2.50 [ 63.5 ]	2.70 [ 68.6 ]
40	3464	2.46 [ 62.5 ]	2.35 [ 59.7 ]	2.112 [ 53.64 ]	2.80 [ 71.1 ]	3.00 [ 76.2 ]
50	3415	2.96 [ 75.2 ]	2.85 [ 72.4 ]	2.612 [ 66.34 ]	3.30 [ 83.8 ]	3.50 [ 88.9 ]
60	3666	3.46 [ 87.9 ]	3.35 [ 85.1 ]	3.112 [ 79.04 ]	3.80 [ 96.5 ]	4.00 [ 101.6 ]
64	3403	3.66 [ 93.0 ]	3.55 [ 90.2 ]	3.312 [ 84.12 ]	4.00 [ 101.6 ]	4.20 [ 106.7 ]

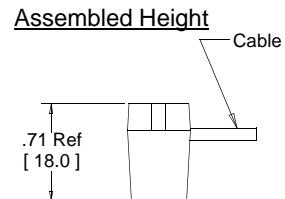
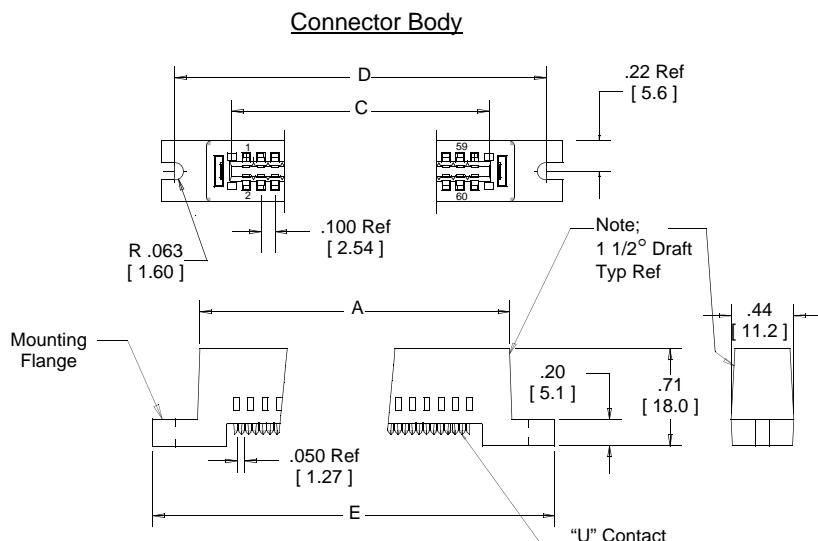


Inch

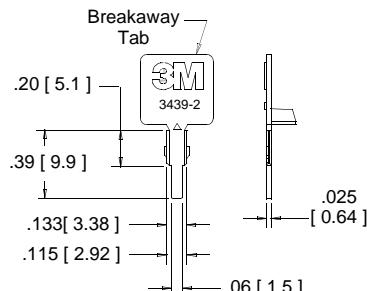
[mm]

Tolerance Unless Noted		
	.0	.00
inch	$\pm .1$	$\pm .01$
		$\pm .005$

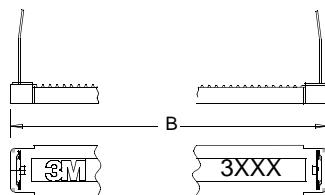
[ ] Dimensions for Reference Only



Optional Keying Plug  
3M Part Number 3439-2  
(Order Separately)  
Material-Glass Filled Polyester



Connector Cover



Note: 1. Optional Keying Plug to be ordered separately.

## Ordering Information

**XXXX-0002**

3M Part Number:  
See Table

Assembly tools: 3M™ 3640 press (or equivalent), 3M™ 3443-63 locator plate, 3M™ 3442-30 platen.

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Interconnect Solutions

<http://www.3M.com/interconnects/>

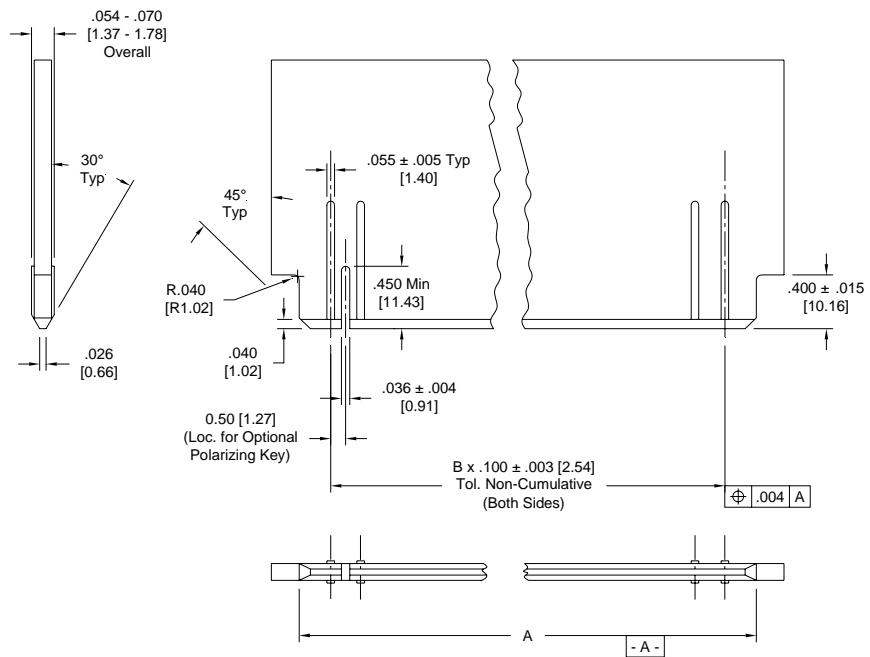
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# 3M™ Pak 100 Card-Edge

.100" With Slotted Mounting Flanges

3000 Series

Contact Quantity	3M Part Number	Dimension A $\pm$ .005	B (multiple ref.)
10	3358	0.595 [15.11]	4
16	3368	0.895 [22.73]	7
20	3461	1.095 [27.81]	9
26	3462	1.395 [35.43]	12
34	3463	1.795 [45.59]	16
40	3464	2.095 [53.21]	19
50	3415	2.595 [65.91]	24
60	3666	3.095 [78.61]	29
64	3403	3.295 [83.69]	31



## Recommended PCB Layout

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### **3M Electronics**

6801 River Place Blvd.  
Austin, TX 78726-9000  
800/225-5373  
[www.3M.com/electronics](http://www.3M.com/electronics)

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