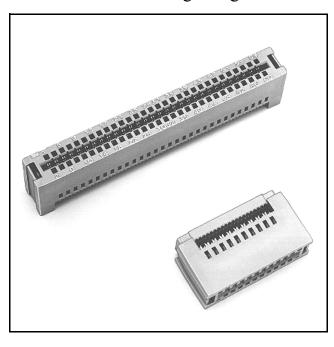
# 3M™ Pak 100 Card-Edge

.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

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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 μ" [ 2.54 μm ] 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

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

UL File No.: E68080

3000 Series

uantity	3M Part Number	Strain Relief Part Number	Dimensions					
Quantity			A	$\mathbf{A_2}$	В	С	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 ]	Inch
26	3462	3448-55	1.76 [ 44.7 ]	1.77 [ 45.0 ]	1.65 [ 41.9 ]	1.412 [ 35.86 ]	1.75 [ 44.4 ]	Inch [mm]
34	3463	3448-56	2.16 [ 54.9 ]	2.17 [ 55.1 ]	2.05 [ 52.1 ]	1.812 [ 46.02 ]	2.15 [ 54.6 ]	Tolerance Unless Not
40	3464	3448-57	2.46 [ 62.5 ]	2.47 [ 62.7 ]	2.35 [ 59.7 ]	2.112 [ 53.64 ]	2.45 [ 62.2 ]	.0 .00 .0
50	3415	3448-58	2.96 [ 75.2 ]	2.97 [ 75.4 ]	2.85 [ 72.4 ]	2.612 [ 66.34 ]	2.95 [ 74.9 ]	inch ±.1 ±.01 ±.0
60	3666	3448-31	3.46 [ 87.9 ]	3.47 [ 88.1 ]	3.35 [ 85.1 ]	3.112 [ 79.04 ]	3.45 [ 87.6 ]	[] Dimensions for Refere
64	3403	3448-59	3.66 [ 93.0 ]	3.67 [ 93.2 ]	3.55 [ 90.2 ]	3.312 [ 84.12 ]	3.65 [ 92.7 ]	
	100 Ref [11.2] Note; 11/2° Draft Typ Ref					<u>Assembled Height</u> Without		
.71 .71 [18.0] .050 Ref [1.27] .50 [.51]					Strain Relief  .71 Ref [ 18.0 ]  With  Strain Relief  Cable			
		Connector Co					.96 Ref [ 24.4 ]	Cable
.21 [5.		otionalStrain Order Separa		Stainless Steel 015 [ 0.38 ] Thicl - Glass-Filled Gra Polyester		.3.3 1.	33 38 ]	.025 
			see drawing numb	.36 [9.1] †			Optiona Keying P Material-Glas Polyeste	<b>lug</b> s Filled
derir	ng Info	rmation		,	/VVV	4		
					(XXX-000	1		

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

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