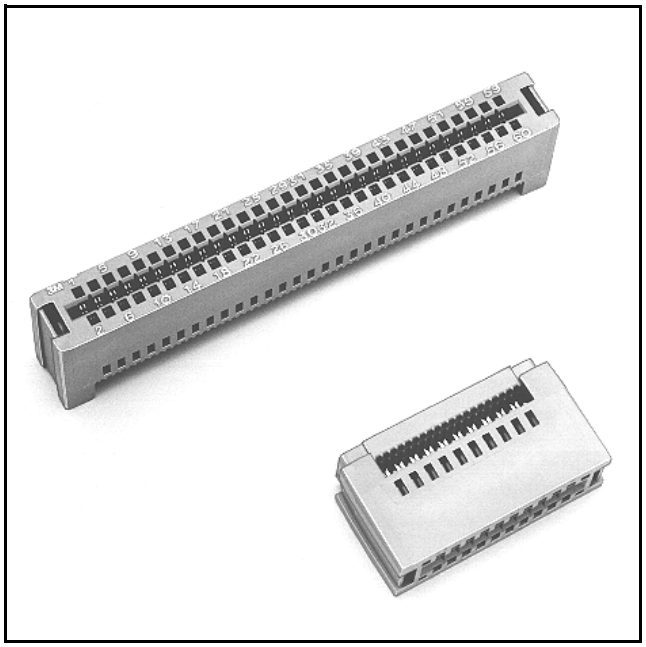
3M™ Card-Edge

.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 20, 2007

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 µ″ [2.54 µm] Nickel
Wiping Area::	30 µ″ [0.76 µm] Gold
Wire Accommodation:	26 and 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_{DC}
Withstanding Voltage:	1000 V_{RMS} 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

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3M™ Card-Edge

.100″ Without Mounting Flange

3000 Series

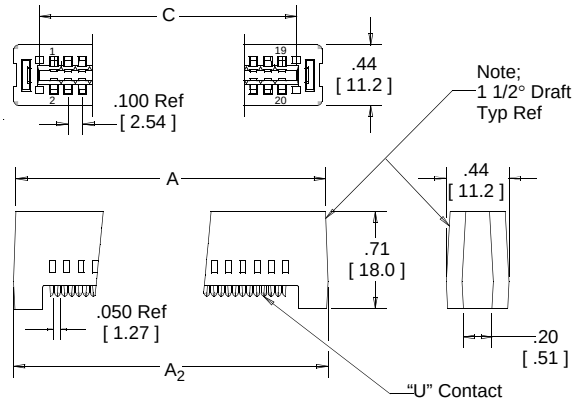
Contact Quantity	3M Part Number	Strain Relief Part Number	Dimensions				
			A	A_2	B	C	D
10	**3358**	**3448-52**	0.96 [24.4]	0.97 [24.6]	0.85 [21.6]	0.612 [15.54]	0.95 [24.1]
16	**3368**	**3448-53**	1.26 [32.0]	1.27 [32.3]	1.15 [29.2]	0.912 [23.16]	1.25 [31.8]
20	**3461**	**3448-54**	1.46 [37.1]	1.47 [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 [44.5]
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]

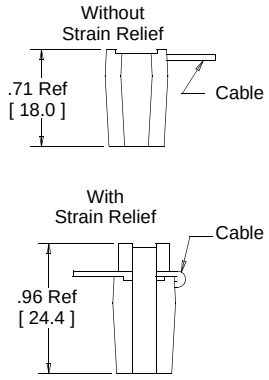
Tolerance Unless Noted			
	.0	.00	.000
inch	±.1	±.01	±.005

[ ] Dimensions for Reference Only

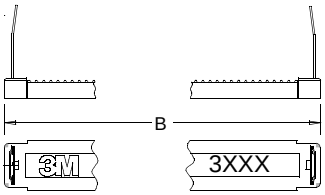
Connector Body



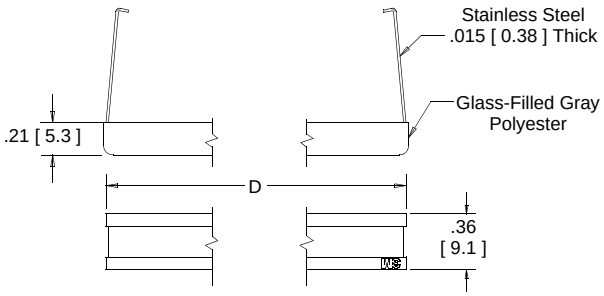
Assembled Height

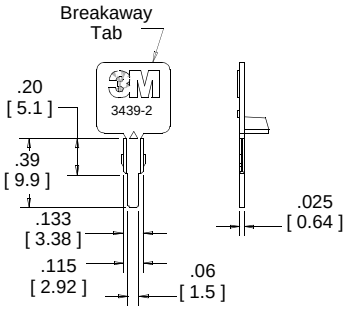


Connector Cover



OptionalStrain Relief (Order Separately)





Optional
Keying Plug
Material-Glass Filled
Polyester

Ordering Information

XXXX-0001

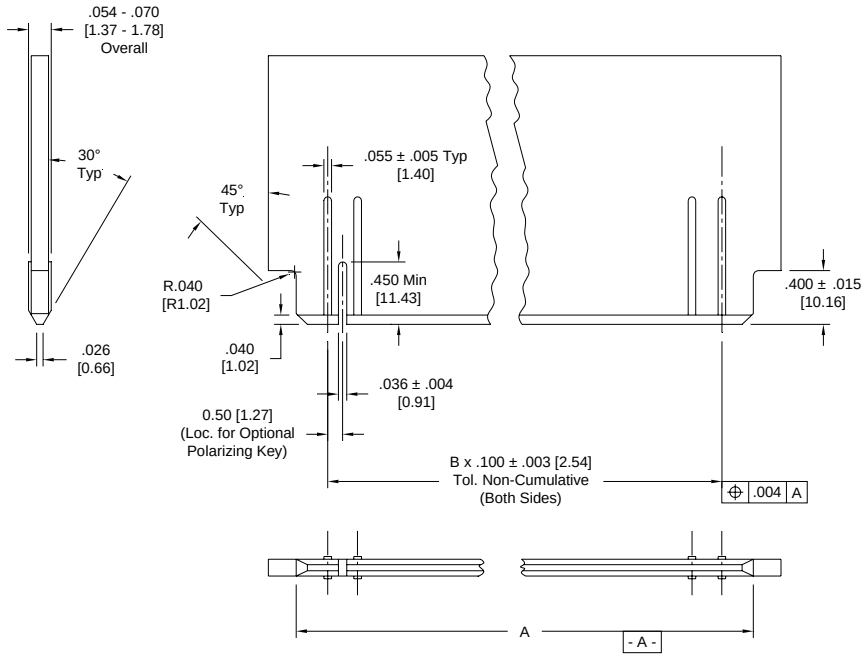
3M Part Number:
See Table

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

3M
Interconnect Solutions
http://www.3M.com/interconnects/

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For technical, sales or ordering information call
800-225-5373

Contact Quantity	3M Part Number	Dimension A ± .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

3M
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