

# Next Generation AMP PACE Card Edge Connector

## DESCRIPTION

- Press-fit .100" x .200" [2.54 mm x 5.08mm] centerline card edge connector
- Accepts .054" - .070" [1.37mm - 1.78 mm] thick daughtercards
- Low applied cost connector

## APPLICATIONS

- Computer Applications
- Communication Equipment
- Industrial Machinery and Controls
- Instrumentation and Test Equipment

## KEY FEATURES

- Press-fit (solderless) termination to printed circuit board
- Flat-rock tooling compatible (no special assembly tooling required)
- Eye of the needle low insertion force contacts
- Can be produced in 10-60 dual position sizes
- Same overall dimensional envelope as current AMP PACE products
- Daughtercard-to-connector keying without loss of circuit position

## ELECTRICAL

- Contact current rating up to 3 amps maximum
- 1000 volts AC withstanding voltage at sea level

## MECHANICAL

- -55 to 85°C temperature range
- Durability of 100 cycles mating and unmating
- Contact insertion: 6 to 8 lbs. avg. per contact

## MATERIALS

- Housings: Glass-filled polyester
- Contacts: Phosphor bronze plated with nickel and select gold in contact area

## STANDARDS & SPECS

- Design Objective: 108-14019-1
- Application Specification: 114-13040

## FOR MORE INFORMATION

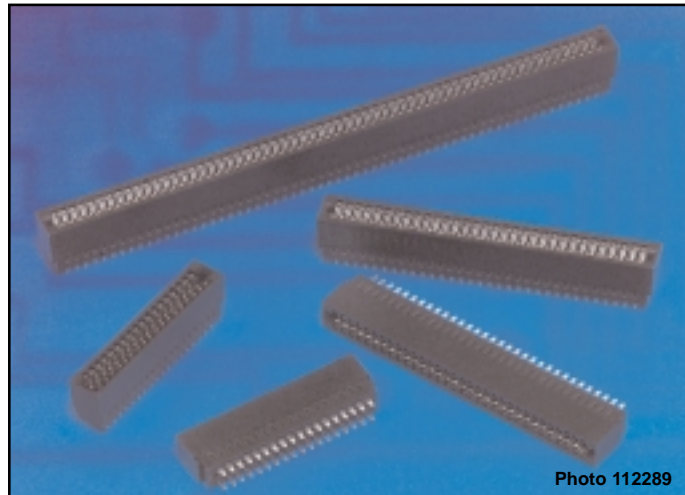
### Technical Support

Phone: 1-800-522-6752

Internet: [www.tycoelectronics.com](http://www.tycoelectronics.com)

E-mail: [newproducts@tycoelectronics.com](mailto:newproducts@tycoelectronics.com)

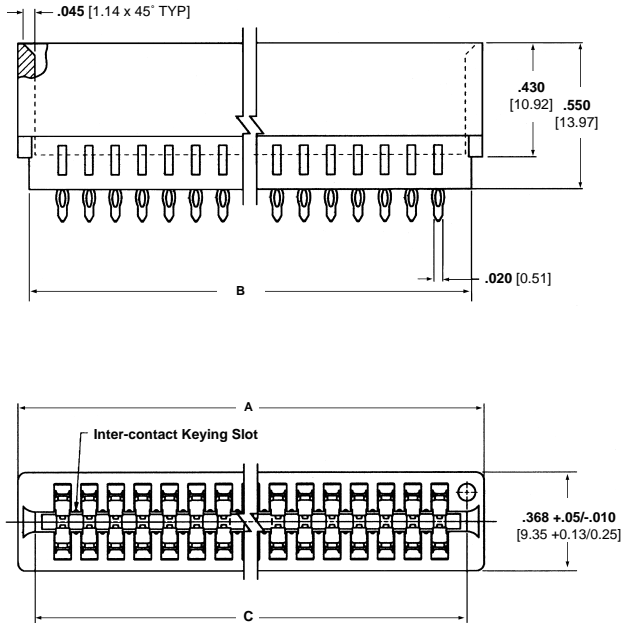
Issued 08/02 1654096



new product

# Next Generation AMP PACE Card Edge Connector

## PRODUCT OFFERING & DIMENSIONS



No. of Positions	Dimensions			Part Number
	A	B	C	
10	1.234 [31.34]	1.150 [29.21]	1.104 [28.04]	1-147490-0
11	1.334 [33.88]	1.250 [31.75]	1.204 [30.58]	1-147490-1
12	1.434 [36.42]	1.340 [34.29]	1.304 [33.12]	1-147490-2
13	1.534 [38.96]	1.450 [36.83]	1.404 [35.66]	1-147490-3
14	1.634 [41.50]	1.550 [39.37]	1.504 [38.20]	1-147490-4
15	1.734 [44.04]	1.650 [41.91]	1.604 [40.74]	1-147490-5
16	1.834 [46.58]	1.750 [44.45]	1.704 [43.28]	1-147490-6
17	1.934 [49.12]	1.850 [46.99]	1.804 [45.82]	1-147490-7
18	2.034 [51.66]	1.950 [49.53]	1.904 [48.36]	1-147490-8
19	2.134 [54.20]	2.050 [52.07]	2.004 [50.90]	1-147490-9
20	2.234 [56.74]	2.150 [54.61]	2.104 [53.44]	2-147490-0
21	2.334 [59.28]	2.250 [57.15]	2.204 [55.98]	2-147490-1
22	2.434 [61.82]	2.350 [59.69]	2.304 [58.52]	2-147490-2
23	2.534 [64.36]	2.450 [62.23]	2.404 [61.06]	2-147490-3
24	2.634 [66.90]	2.550 [64.77]	2.504 [63.60]	2-147490-4
25	2.734 [69.44]	2.650 [67.31]	2.604 [66.14]	2-147490-5
26	2.834 [71.98]	2.750 [69.85]	2.704 [68.68]	2-147490-6
27	2.934 [74.52]	2.850 [72.39]	2.804 [71.22]	2-147490-7
28	3.034 [77.06]	2.950 [74.93]	2.904 [73.76]	2-147490-8
29	3.134 [79.60]	3.050 [77.47]	3.004 [76.30]	2-147490-9
30	3.234 [82.14]	3.150 [80.01]	3.104 [78.84]	3-147490-0
31	3.334 [84.68]	3.250 [82.55]	3.204 [81.38]	3-147490-1
32	3.434 [87.22]	3.350 [85.09]	3.304 [83.92]	3-147490-2
33	3.534 [89.76]	3.450 [87.63]	3.404 [86.46]	3-147490-3
34	3.634 [92.30]	3.550 [90.17]	3.504 [89.00]	3-147490-4
35	3.734 [94.84]	3.650 [92.71]	3.604 [91.54]	3-147490-5
36	3.834 [97.38]	3.750 [95.25]	3.704 [94.08]	3-147490-6
37	3.934 [99.92]	3.850 [97.79]	3.804 [96.62]	3-147490-7
38	4.034 [102.46]	3.950 [100.33]	3.904 [99.16]	3-147490-8
39	4.134 [105.00]	4.050 [102.87]	4.004 [101.70]	3-147490-9
40	4.234 [107.54]	4.150 [105.41]	4.104 [104.24]	4-147490-0
41	4.334 [110.08]	4.250 [107.95]	4.204 [106.78]	4-147490-1
42	4.434 [112.62]	4.350 [110.49]	4.304 [109.32]	4-147490-2
43	4.534 [115.16]	4.450 [113.03]	4.404 [111.86]	4-147490-3
44	4.634 [117.70]	4.550 [115.57]	4.504 [114.40]	4-147490-4
45	4.734 [120.24]	4.650 [118.11]	4.604 [116.94]	4-147490-5
46	4.834 [122.78]	4.750 [120.65]	4.704 [119.48]	4-147490-6
47	4.934 [125.32]	4.850 [123.19]	4.804 [122.02]	4-147490-7
48	5.034 [127.86]	4.950 [125.73]	4.904 [124.56]	4-147490-8
49	5.134 [130.40]	5.050 [128.27]	5.004 [127.10]	4-147490-9
50	5.234 [132.94]	5.150 [130.81]	5.104 [129.64]	5-147490-0
51	5.334 [135.48]	5.250 [133.35]	5.404 [132.18]	5-147490-1
52	5.434 [138.02]	5.350 [135.89]	5.304 [134.72]	5-147490-2
53	5.534 [140.56]	5.450 [138.43]	5.404 [137.26]	5-147490-3
54	5.634 [143.10]	5.550 [140.97]	5.504 [139.80]	5-147490-4
55	5.734 [145.64]	5.650 [143.51]	5.604 [142.34]	5-147490-5
56	5.834 [148.18]	5.750 [146.05]	5.704 [144.88]	5-147490-6
57	5.934 [150.72]	5.850 [148.59]	5.804 [147.42]	5-147490-7
58	6.034 [153.26]	5.950 [151.13]	5.904 [149.96]	5-147490-8
59	6.134 [155.80]	6.050 [153.67]	6.004 [152.50]	5-147490-9
60	6.234 [158.34]	6.150 [156.21]	6.104 [155.04]	6-147490-0

Stocked in Sample Room

**tyco**  
Electronics