

# Card Edge Connector for PCI Express Applications

## DESCRIPTION

Tyco Electronics Card Edge Connector for PCI Express applications is a 1mm centerline card edge product designed to meet PCI SIG requirements for PCI Express architecture. PCI Express architecture is a high performance point to point full duplex I/O Bus.

## APPLICATIONS

Serial Bus for Graphics Cards and I/O Client Cards for applications requiring higher speeds than the popular PCI Bus.

Computers, both Desktop and Server, along with Telecommunication Switches and Routers.

## KEY FEATURES

- Available:

- In all standard sizes: (36 pins), x4 (64 pins), x8 (98 pins), and x16 (164 pins)

- With plastic locating posts or metal hold downs

- With integrated retention mechanism in x16 size

- In straddle mount configuration

- In right angle configuration
- Three tail lengths: 2.3mm, 3.1mm, and 5.6mm
- Gold Flash, 15 Gold, and 30 Gold plating options
- RoHS Compliant

## TECHNICAL DOCUMENTS

- Product Specification

- 108-5847 (1612163, 1746220, & 1761465)

- 108-57375 (1775800 & 1775801)

- 108-57351 (1734857)

- Test Reports

- 501-5453 (1612163, 1746220, & 1761465)

- 501-57406 (1775800 & 1775801)

- 501-57490 (1734857)

## RATINGS

Operating Temperature:	-40°C to +85°C
Durability:	50 cycles
Current Rating:	1.1A
Voltage Rating:	50 VAC

## FOR MORE INFORMATION

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Technical Support

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USA: 1-800-522-6752

Canada: 1-905-470-4425

UK: 44-141-810-8967

Japan: 81-44-844-8013

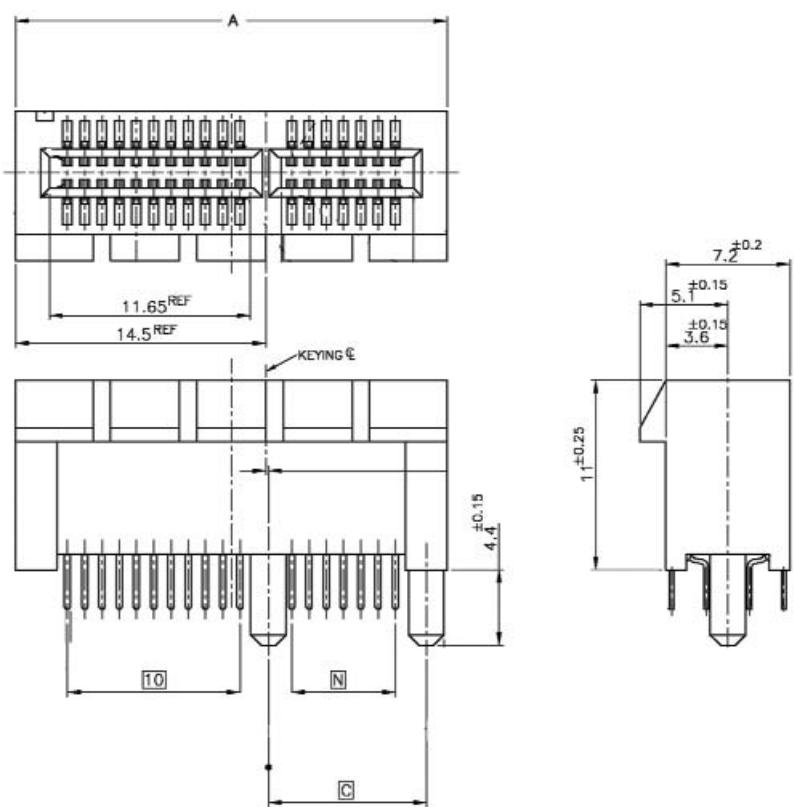
**BASE PART NUMBERS\***

- 1612163-X - with Plastic Locating Posts
- 1775800-X - with Metal Hold Downs (color - white)
- 1775801-X - with Metal Hold Downs (color - black)
- 1746220-X - with Integrated Retention Mechanism
- 1734857-X - Straddle Mount
- 1761465-X - Right Angle

\*For specific part numbers, request customer drawing

**PRODUCT DIMENSIONS - VERTICAL WITH PLASTIC LOCATING POST**

Number of Positions	Dim A	Dim C	Dim N
36	25	9.15	6
64	39	23.15	20
98	56	40.15	37
164	89	73.15	70



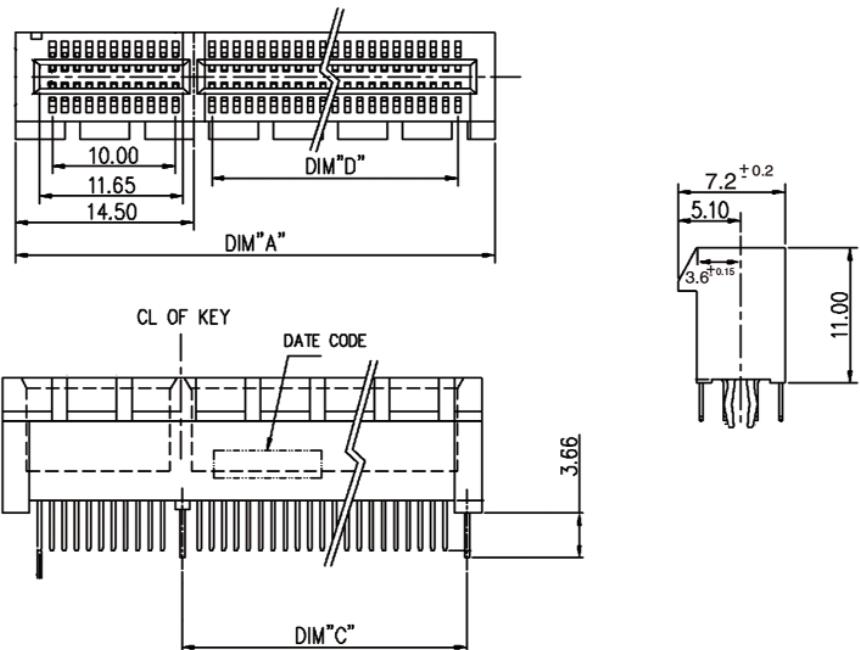
**Note:** Part Numbers are RoHS Compliant.

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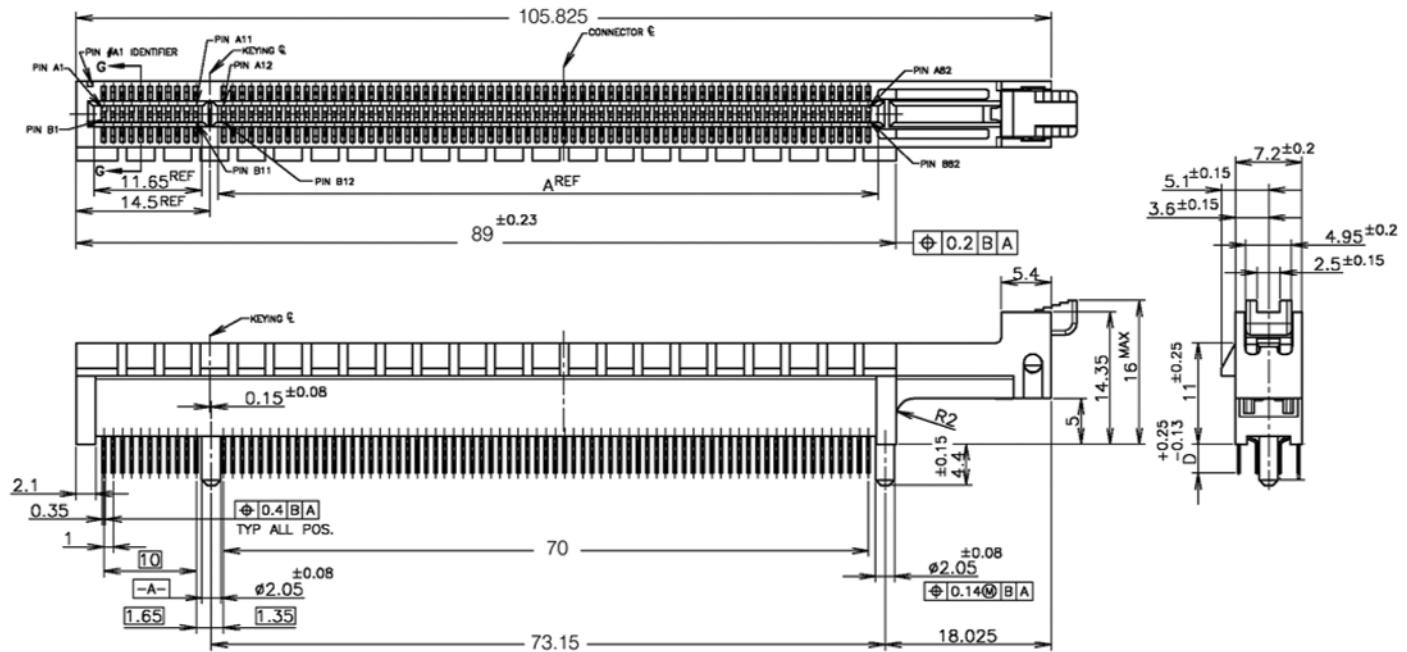
**PRODUCT DIMENSIONS- VERTICAL WITH METAL HOLD DOWNS**

1775800-X (Color: White)  
1775801-X (Color: Black)

Number of Positions	Dim A	Dim C	Dim D
36	25	9.15	6
64	39	23.15	20
98	56	40.15	37
164	89	73.15	70

**PRODUCT DIMENSIONS- VERTICAL WITH INTEGRATED RETENTIONS**

1746220-X



**Note:** Part Numbers are RoHS Compliant.

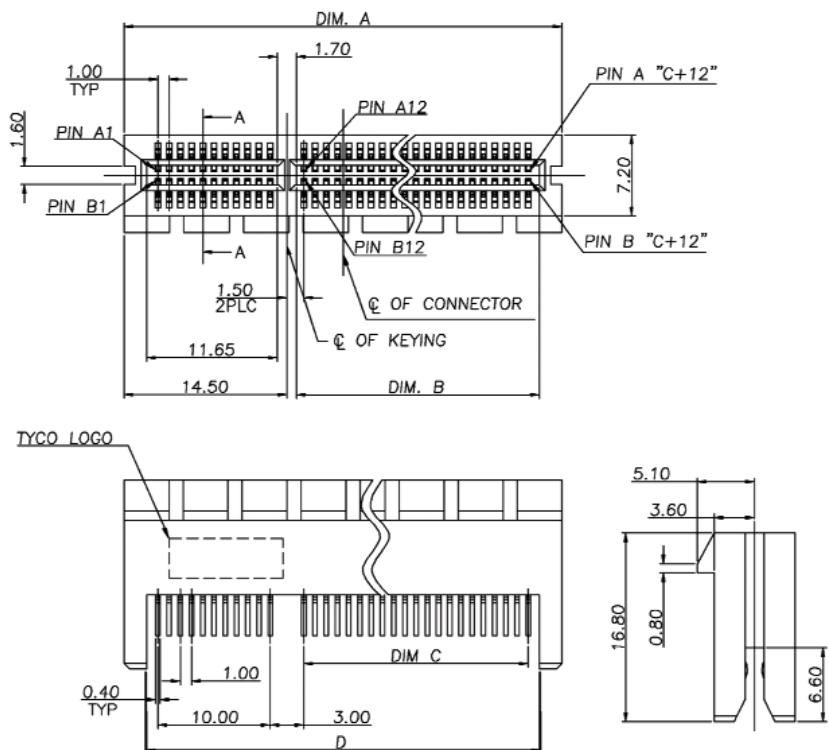
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# Card Edge Connectors for PCI Express Applications

## PRODUCT DIMENSIONS- STRADDLE MOUNT

1734857-X

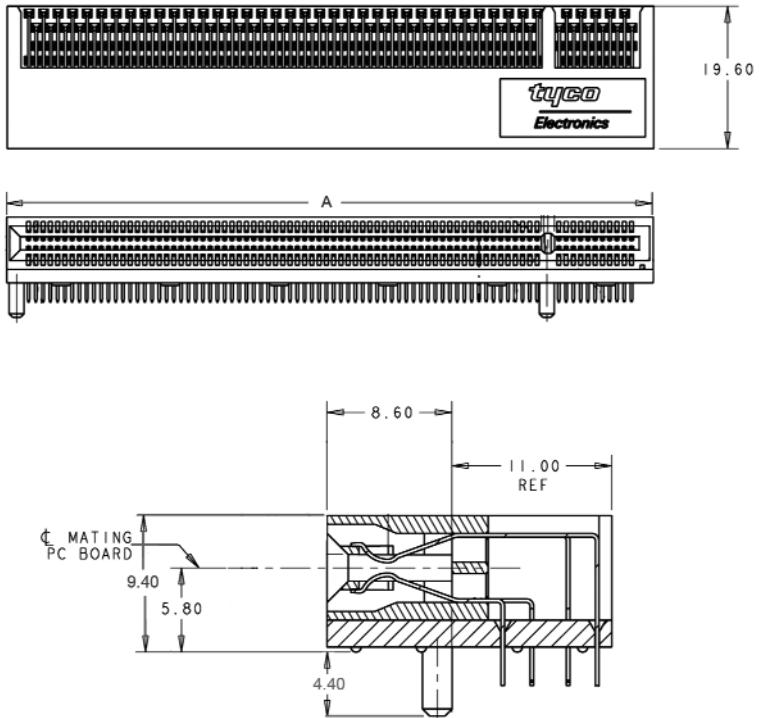
Number of Positions	Dim A	Dim C	Dim N
36	25	9.15	6
64	39	23.15	20
98	56	40.15	37
164	89	73.15	70



## PRODUCT DIMENSIONS- RIGHT ANGLE

1761465-X

Number of Positions	Dim A
36	25
64	39
98	56
164	89
280	147



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NOTE: For purposes of this Catalog, included within the definition of RoHS Compliant are products that are clearly "Out of Scope" of the RoHS Directive such as hand tools and other non-electrical accessories.

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Our comprehensive on-line RoHS Customer Support Center provides a forum to answer your questions and support your RoHS needs. A RoHS FAQ (Frequently Asked Questions) is available with links to more detailed information. You can also submit RoHS questions and receive a response within 24 hours during a normal work week.

The Support Center also provides:

- Cross-Reference from Non-compliant to Compliant Products
- Ability to browse RoHS Compliant Products in our on-line catalog
- Downloadable Technical Data Customer Information Presentation
- More detailed information regarding the definitions used above
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