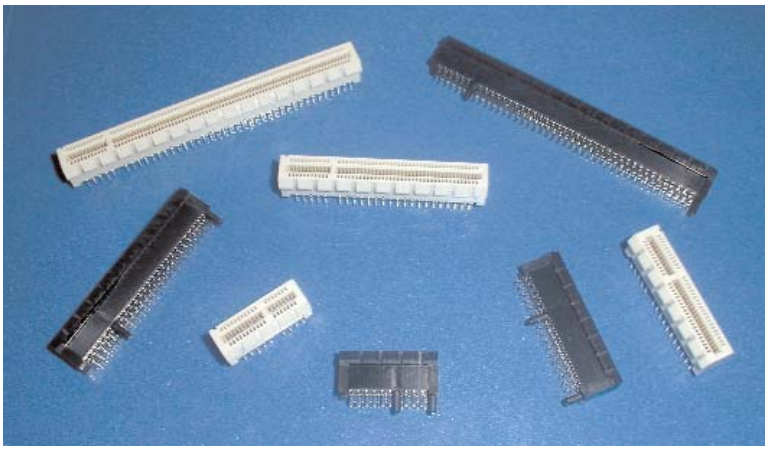


Card Edge Connector for PCI Express Applications

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 (164pins)
- 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

John Larkin, Product Manager

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E-mail: jtlarkin@tycoelectronics.com

Technical Support

Internet: http://www.tycoelectronics.com

USA: 1-800-522-6752

Canada: 1-905-470-4425

UK: 44-141-810-8967

Japan: 81-44-844-8013

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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

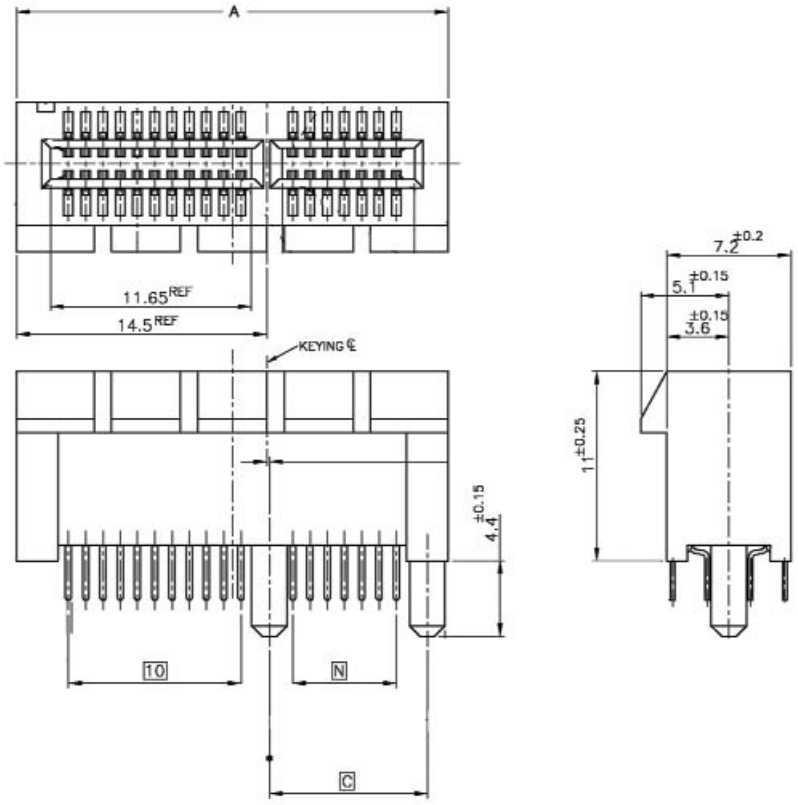
1761465-X - Right Angle

*For specific part numbers, request customer drawing

PRODUCT DIMENSIONS - VERTICAL WITH PLASTIC LOCATING POST

1612163-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



Note: Part Numbers are RoHS Compliant.

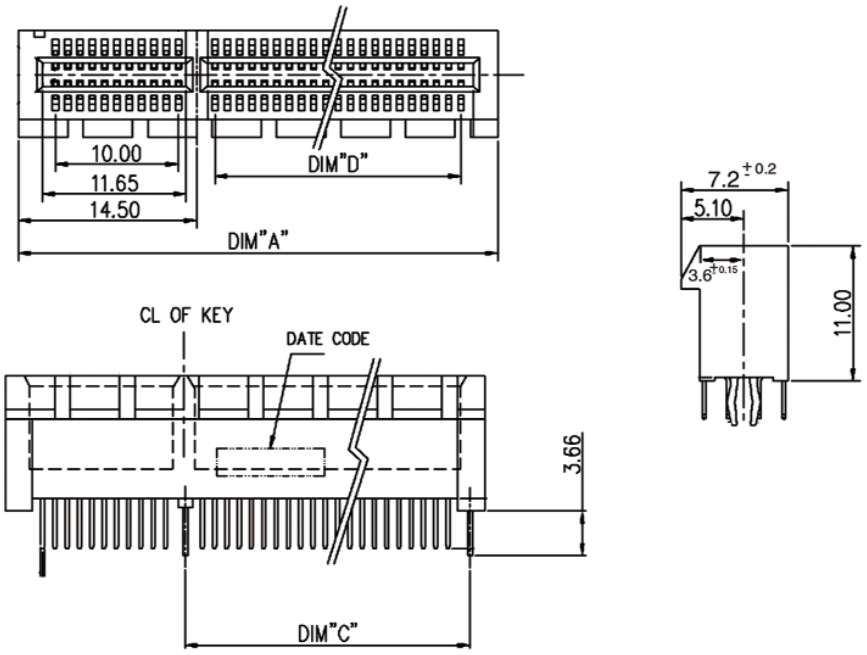
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PRODUCT DIMENSIONS- VERTICAL WITH METAL HOLD DOWNS

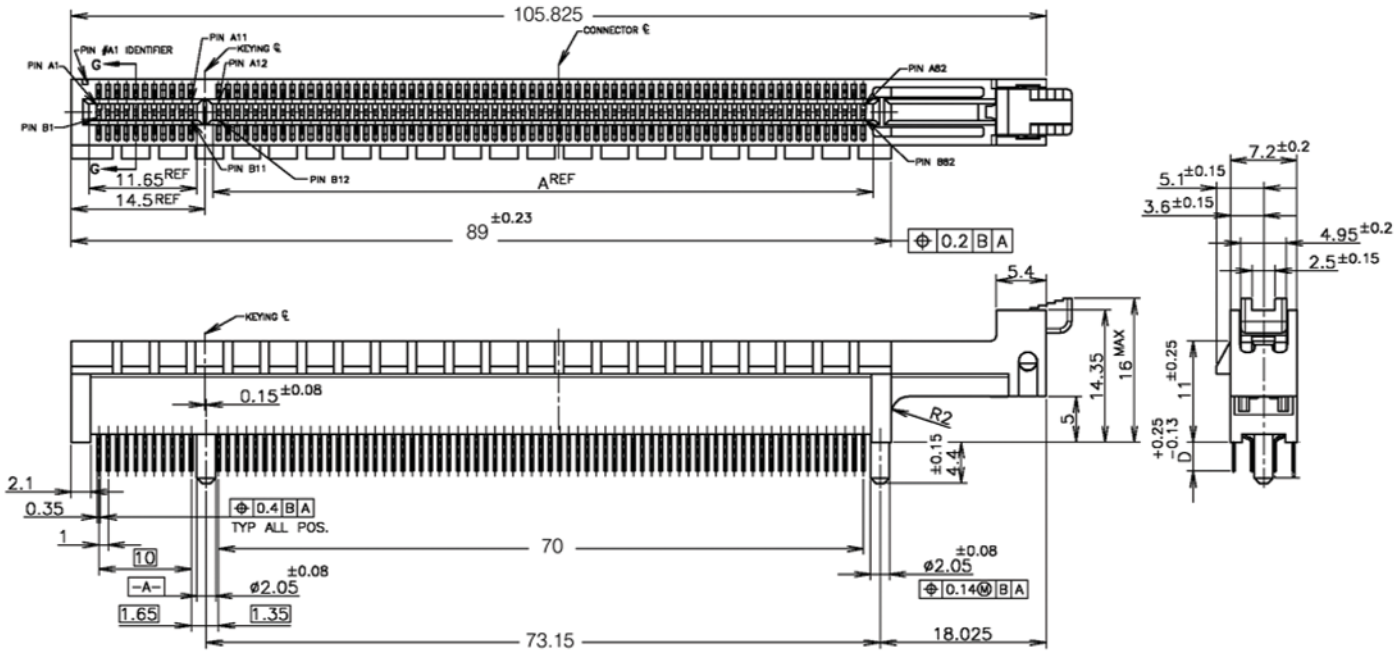
1775800-X (Color: White)
1775801-X (Color: Black)

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.

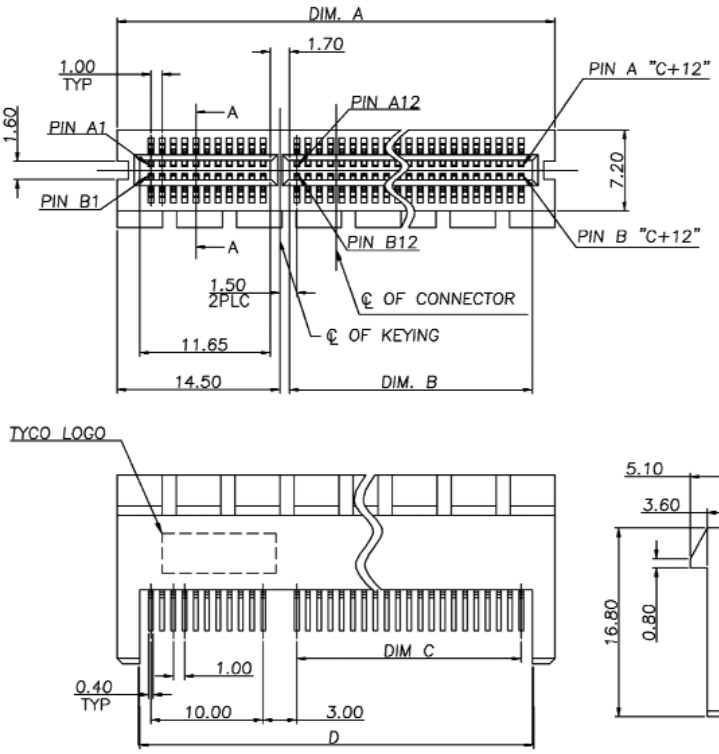
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PRODUCT DIMENSIONS- STRADDLE MOUNT

1734857-X

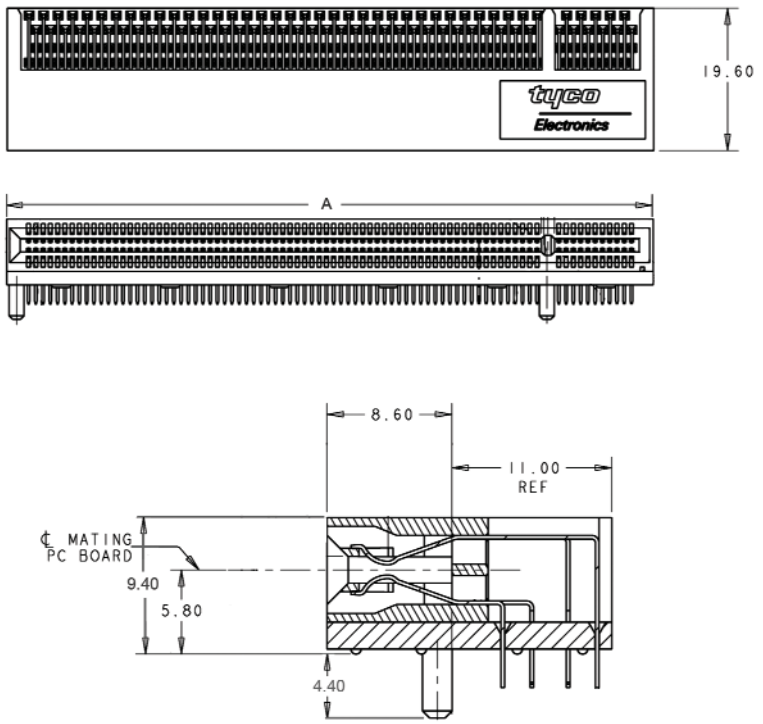
Number of Positions	Dim A	Dim C	Dim N
36	25	9.15	6
64	39	23.15	20
98	56	40.15	37
164	89	73.15	70



PRODUCT DIMENSIONS- RIGHT ANGLE

1761465-X

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



Note: Part Numbers are RoHS Compliant.

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- 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
- So whatever your questions when it comes to RoHS, we've got the answers at www.tycoelectronics.com/leadfree

RoHS Customer Support Center

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