

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

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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

BASE PART NUMBERS*

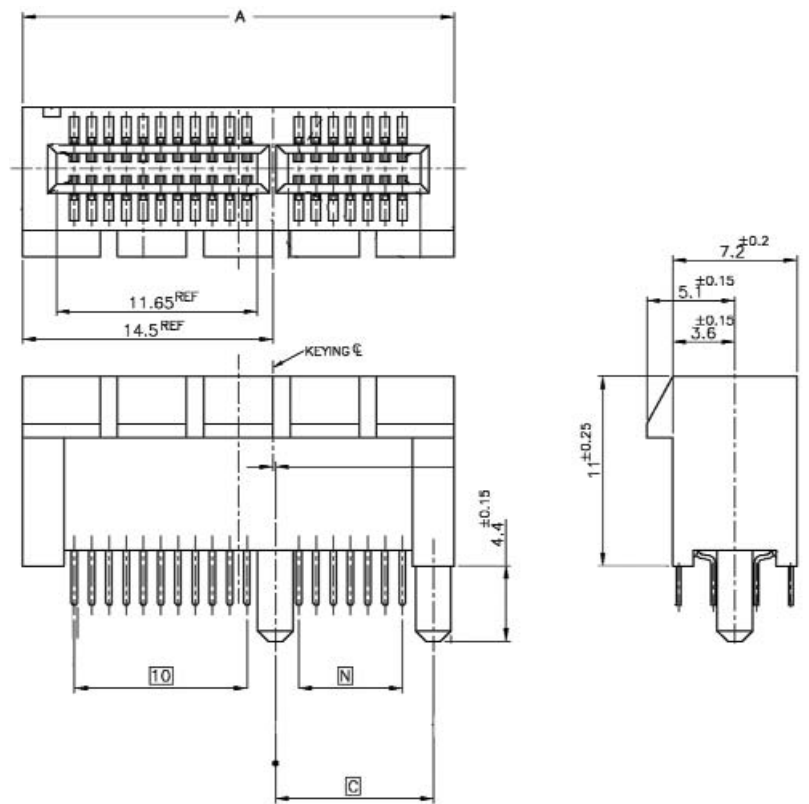
- 1612163-X - with Plastic Locating Posts
- 1775800-X - with Metal Hold Downs (color - white)
- 1775801-X - with Metal Hold Downs (color - black)
- 1746220-X - with Integrated Retention Mechanism
- 1734857-X - Straddle Mount
- 1761465-X - Right Angle

*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



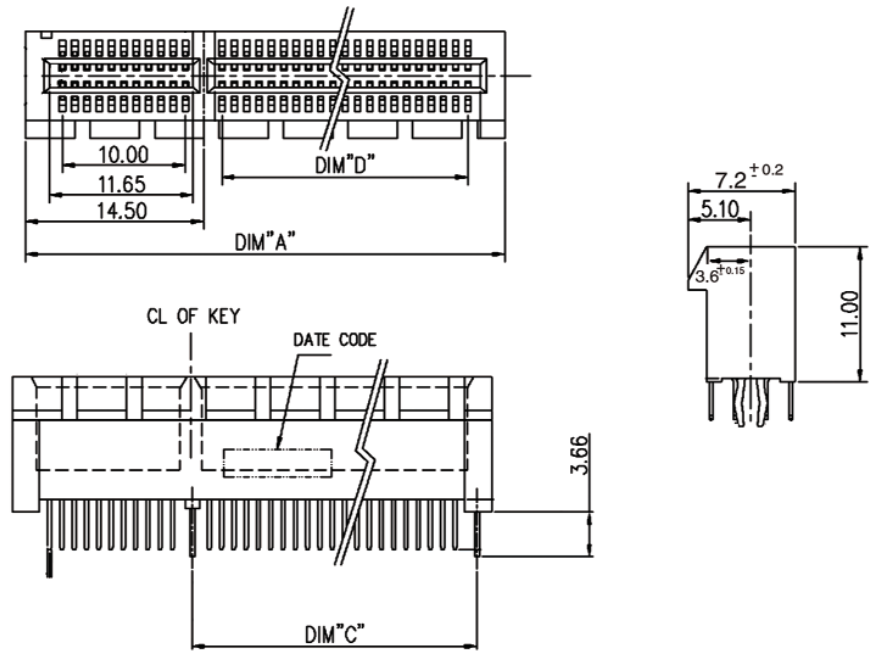
Note: Part Numbers are RoHS Compliant.

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PRODUCT DIMENSIONS- VERTICAL WITH METAL HOLD DOWNS

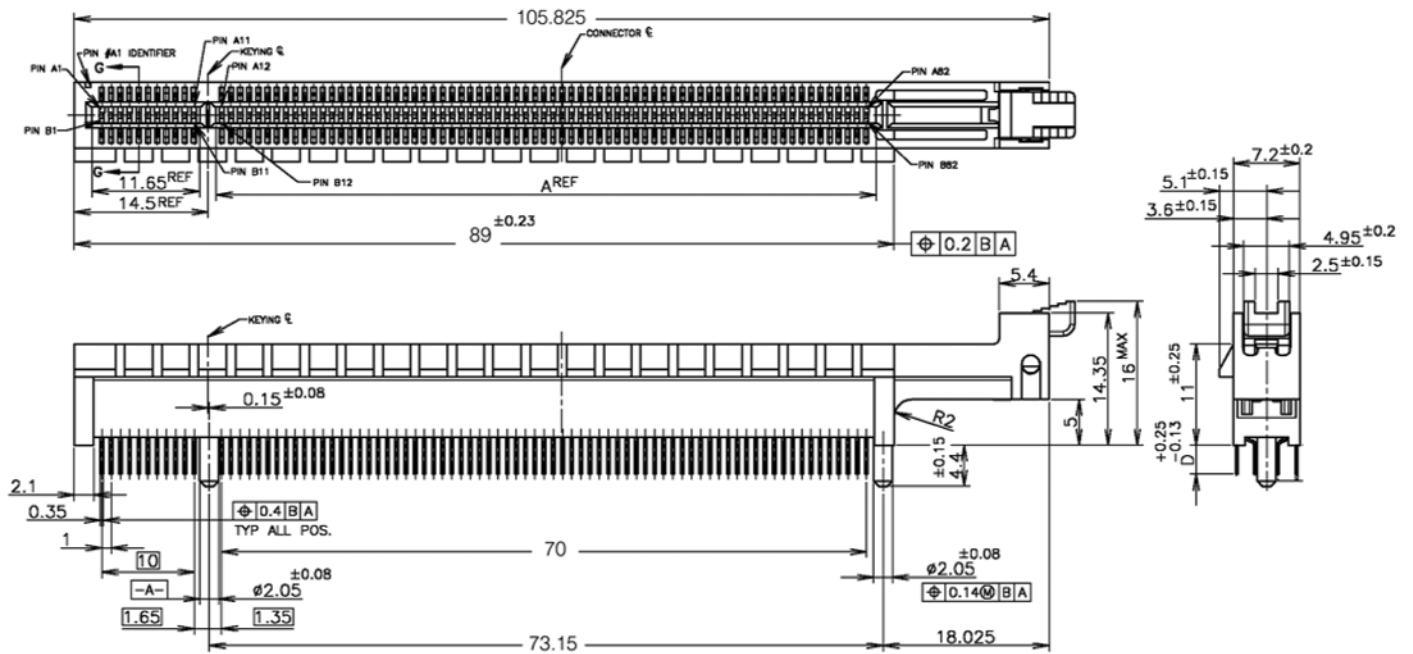
1775800-X (Color: White)
1775801-X (Color: Black)

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.

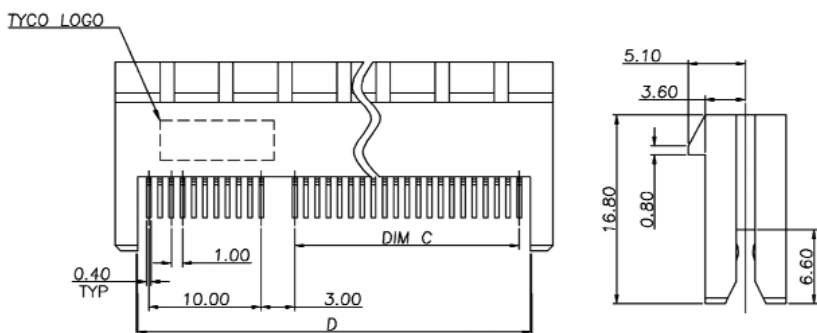
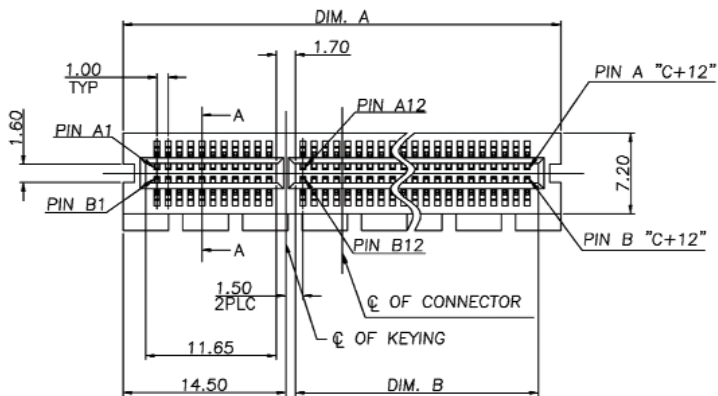
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PRODUCT DIMENSIONS- STRADDLE MOUNT

1734857-X

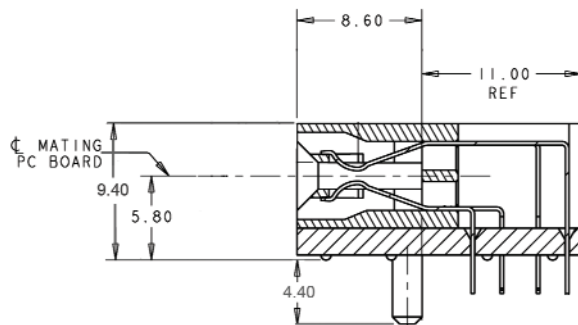
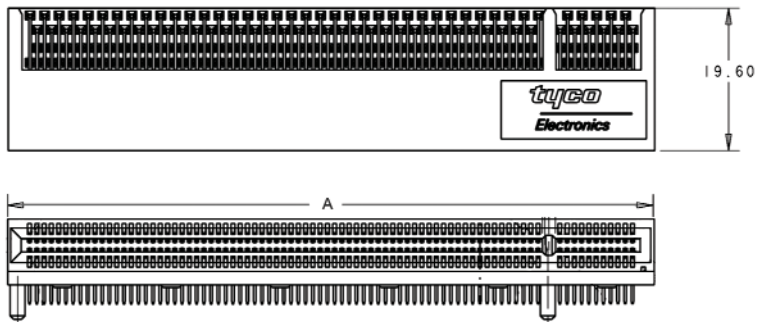
Number of Positions	Dim A	Dim C	Dim N
36	25	9.15	6
64	39	23.15	20
98	56	40.15	37
164	89	73.15	70



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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Restriction on the use of Hazardous Substances (RoHS)

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



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