



**PCI EXPRESS CARD EDGE:  
KPCIEX Series**  
Straddle Mount PCI Express Card Edge

**Product Features**  
Supports 2.5 Gb/s Data Transfer Rate  
(Per Pair Data Bandwidth)  
Standard 36, 64, 98, 164 Pin  
Standard 1.0mm Pitch

**Performance Specifications**

**Materials and Finish**

**Housing**

High Temperature Thermoplastic

**Contacts**

Phosphor Bronze

**Contact Plating**

**Standard:** Gold Flash over 50 Nickel on Contact Area,  
100µ" Min. Tin over 50µ" Nickel on Termination End

**30:** 30µ" Gold over 50µ" Nickel on Contact Area 100µ" Min.  
Tin over 50µ" Nickel on Termination End

**Electrical Characteristics**

**Rated Voltage**

50V AC (RMS) / DC

**Rated Current**

1.1A

**Contact Resistance**

30 milliohms Max.

**Insulation Resistance**

1000 Megohms Min.

**Dielectric Strength**

500V AC RMS for 1 Minute

**Mechanical Characteristics**

**Insertion Force**

1.15N Max. Per Contact Pair

**Extraction Force**

0.15N Min. Per Contact Pair

B17, B31, B48, B81	72.15	73.50	87.00	70.00	71.65	89.00	70	164
B17, B31, B48	39.15	40.50	54.00	37.00	38.65	56.00	37	98
B17, B31	22.15	23.50	37.00	20.00	21.65	39.00	20	64
B17	8.15	9.50	23.00	6.00	7.65	25.00	6	36
Pin"K"	Dim"G"	Dim"E"	Dim"D"	Dim"C"	Dim"B"	Dim"A"	N	Position Number
DIMENSIONS								

2D Drawing	IGES	STEP	3D PDF
Solder Profile	CofC RoHS Compliant	CofC REACH Compliant	UL Plastic File
Certificate of Origin	Check Stock	Request a Sample	Send Us An Email

Generated Part Number

Part Number Builder

-      
 Series                      Mounting Option                      Number Option                      Color Option                      Plating Option

**Series**

KPCIEX - Straddle Mount PCI Express Card Edge

**Mounting Option**

SM1 - Straddle Mount No Peg Option

SM2 - Straddle Mount With Peg Option

SM3 - Straddle Mount With Ear Clips Option

**Number of Pins**

36 - Pins

64 - Pins

98 - Pins

164 - Pins

**Color\***

BK - Black Standard

**Plating Material\***

Blank - Gold Flash Standard

30 - 30µ" Gold

Contact Kycon for Other Options

**KPCIEX Series**

Dimensions in mm

KPCIEX-SM1

