



## PCI EXPRESS CARD EDGE: KPCIEX Series

### Product Features

Supports 2.5 Gb/s Data Transfer Rate  
(Per Pair Data Bandwidth)  
Standard 36, 64, 98, 164 Pin  
230 and 280 Pin Option  
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,  
100 $\mu$ " Min. Tin over 50 $\mu$ " Nickel on Termination End  
**30:** 30 $\mu$ " Gold over 50 $\mu$ " Nickel on Contact Area 100 $\mu$ " Min.  
Tin over 50 $\mu$ " 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

<input type="text"/>	-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Series		Mounting Option	Number Option	Tail Length	Color Option	Plating Option

### Series

KPCIEX

### Mounting Option

T - Through Hole

### Number of Pins

36 - Pins  
64 - Pins  
98 - Pins  
164 - Pins  
230 - Pins  
280 - Pins

### Tail Length

1 - 2.30mm  
2 - 2.54mm  
3 - 3.00mm

### Color\*

BK - Black Standard

### Plating Material\*

Blank - Gold Flash Standard  
30 - 30 $\mu$ " Gold

Contact Kycon for Other Options

### KPCIEX Series

Dimensions in mm

