



**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,  
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									



Generated Part Number

**KPCIEX-T36-1BK**

Part Number Builder

KPCIEX	-	T	36	1	BK	
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\***

□ - Black Standard

**Plating Material\***

- - Gold Flash Standard
- - 30µ" Gold

Contact Kycon for Other Options

**KPCIEX Series**

Dimensions in mm

