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

KPCIEX-SM1-36BK

Part Number Builder

KPCIEX	–	SM1	36	BK	
Series		Mounting Option	Number Option	Color Option	Plating Option

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								

Series
KPCIEX - Straddle Mount PCI Express Card Edge

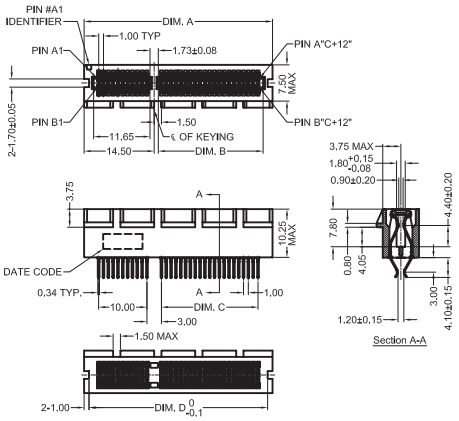
Mounting Option
SM1 - Straddle Mount No Peg Option
SM2 - Straddle Mount With Peg Option
SM3 - Straddle Mount With Ear Clips Option

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