



PCI EXPRESS
PCIe® Gen 2 and Gen 3
protocol supported

(1,00 mm) .0394"

PCIEC-098-0151-EC-EC-P

PCIEC-064-0151-EC-EM

PCIEC SERIES

PCI EXPRESS® JUMPERS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?PCIEC

Connector:

Insulator Material:

Black Nylon

Contact:

Phosphor Bronze

Plating:

Au or Sn over

50µ" (1,27 µm) Ni

Operating Temp:

-55°C to +125°C

Card Insertion Depth:

(8,00 mm) .315" nominal

RoHS Compliant:

Yes

Card:

Conductor:

1 oz. Copper

Contact Area:

Hard Gold (Contact area)

Insulator:

Nelco 4000-13

RoHS Compliant:

Yes

Cable:

Conductor:

30 AWG shielded twinax

30 AWG standard ribbon

RoHS Compliant:

Yes

Mates with:
PCIE

PCIEC	
Cable Length	Rated @ 7dB Insertion Loss -DP
10" (0,25 m)	5.00 GHz / 10.00 Gbps

Performance data for other cable lengths and complete test data available at www.samtec.com?PCIEC or contact sig@samtec.com

30 AWG
ribbon cable

Supports one, four,
eight and sixteen
PCI Express® links



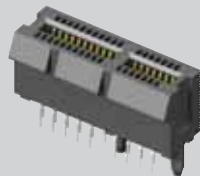
30 AWG twinax
ribbon cable

APPLICATIONS

Loop back Extender (From one PCIe® slot to another PCIe® slot)
Ser-Des Physical Extender (From one PCIe® slot to another PCIe® Ser-Des)
Physical Extender for easy troubleshooting of PCIe® card debug and analysis
(PCIe® slot to Emulator or Analyzer)

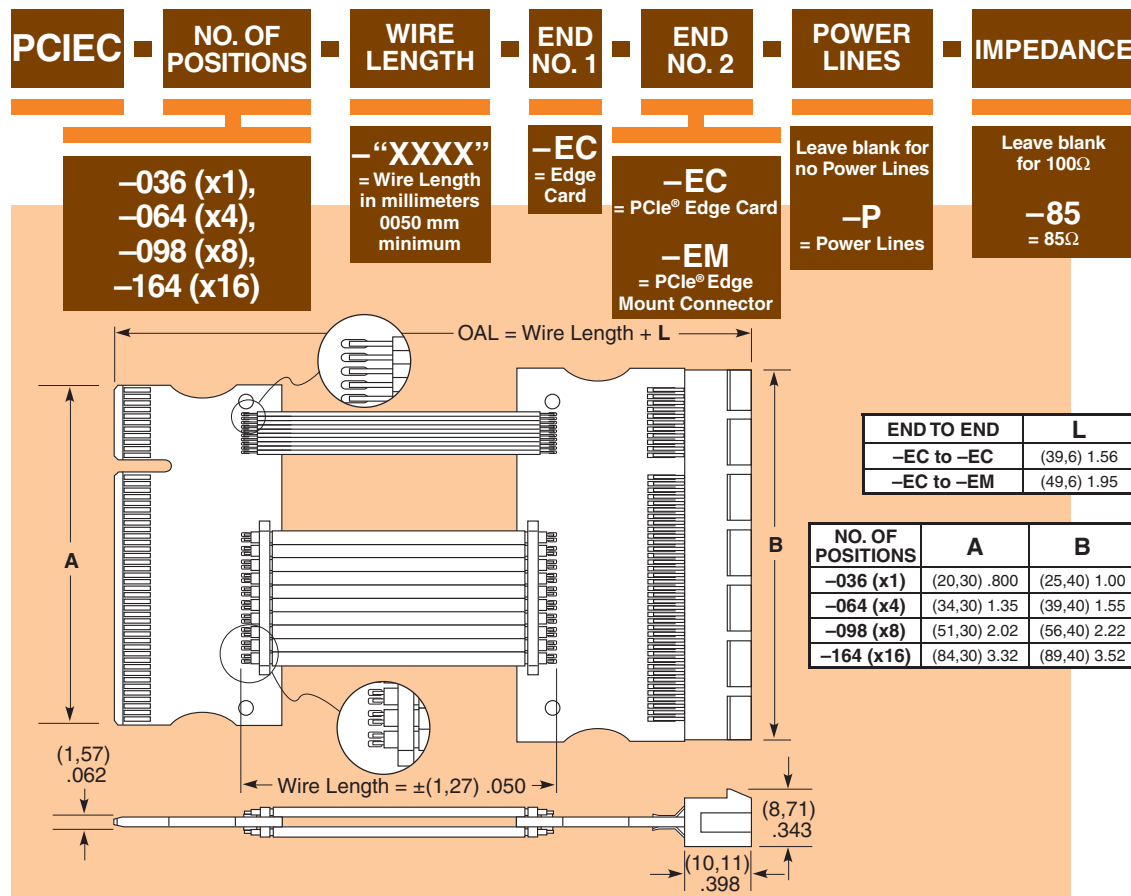
OTHER SOLUTIONS

PCI Express®
Card Sockets. See
www.samtec.com?PCIE



PCI Express® is a registered
trademark of PCI-SIG®.

Note:
This Series is non-standard,
non-returnable.



Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

SAMTEC USA • Tel: +1-800-SAMTEC-9 or +1-812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: +1-408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: +1-800-726-8329
SAMTEC SOUTH AMERICA • Tel: +55 31 3786 3227 SAMTEC UNITED KINGDOM • Tel: +44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
SAMTEC FRANCE • Tel: +33 1 60 95 06 60 SAMTEC ITALY • Tel: +39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46 8 4477280 SAMTEC BENELUX • Tel: +44 01236 739292
SAMTEC ISRAEL • Tel: +972 3 7526600 SAMTEC INDIA • Tel: +91 80 3272 1612 SAMTEC ANZ • Tel: +613 9580 0683 SAMTEC SINGAPORE • Tel: +65 6745 5955 SAMTEC JAPAN • Tel: +81 45 475 1385
SAMTEC SHANGHAI • Tel: +86 21 6083 3766 SAMTEC SHENZHEN • Tel: +86 755 83776780 SAMTEC TAIWAN • Tel: +886 2 2735 6109 SAMTEC HONG KONG • Tel: +852 26904658 SAMTEC KOREA • Tel: +82 31 717 5685