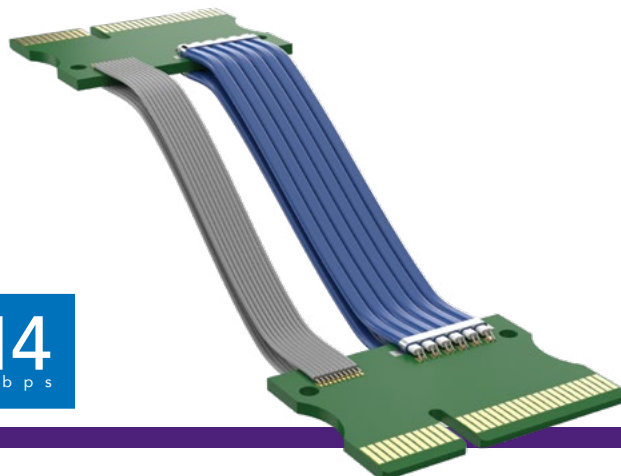


PCI EXPRESS® JUMPERS

(1.00 mm) .0394" PITCH • PCIEC SERIES

14
Gbps



PCIEC

Mates:

PCIE, PCIE-LP

SPECIFICATIONS

Cable:

Eye Speed® 30 AWG twinax or
Eye Speed® 32 AWG twinax;
30 AWG insulated ribbon

Operating Temp:

-25 °C to +105 °C

Contact:

Phosphor Bronze

Plating:

Au or Sn over 50 μ" Ni

Performance:

Supports PCIe® Gen 2 & 3

Bend Radius:

(3.18 mm) .125"

-EM Connector:

Black Nylon

Card Insertion Depth:

(8.00 mm) .315"

| PCIEC | NO. OF POSITIONS | WIRE LENGTH | END NO. 1 | END NO. 2 | CABLE OPTION | IMPEDANCE |
|-------|--|--|-----------------------|--|---|---|
| | -036 (x1), -064 (x4), -098 (x8), -164 (x16) | -"XXXX" = Wire Length in millimeters 0050 mm minimum | -EC = Edge Card | -EC = PCIe® Edge Card -EM = PCIe® Edge Mount Connector | Specify CABLE OPTION from chart | Leave blank for 100 Ω -85 = 85 Ω |

| CABLE OPTION | IMPEDANCE | |
|---------------------------|------------------------|------------------------|
| | 85 Ω | 100 Ω |
| BLANK | 32 AWG TAPED SHIELD | NOT AVAILABLE* |
| -C (No Power Lines) | NOT TOOLED* | 30 AWG TAPED SHIELD |
| -CP (With Power Lines) | NOT TOOLED* | 30 AWG TAPED SHIELD |
| -P (With Power Lines) | 32 AWG TAPED SHIELD | NOT AVAILABLE* |

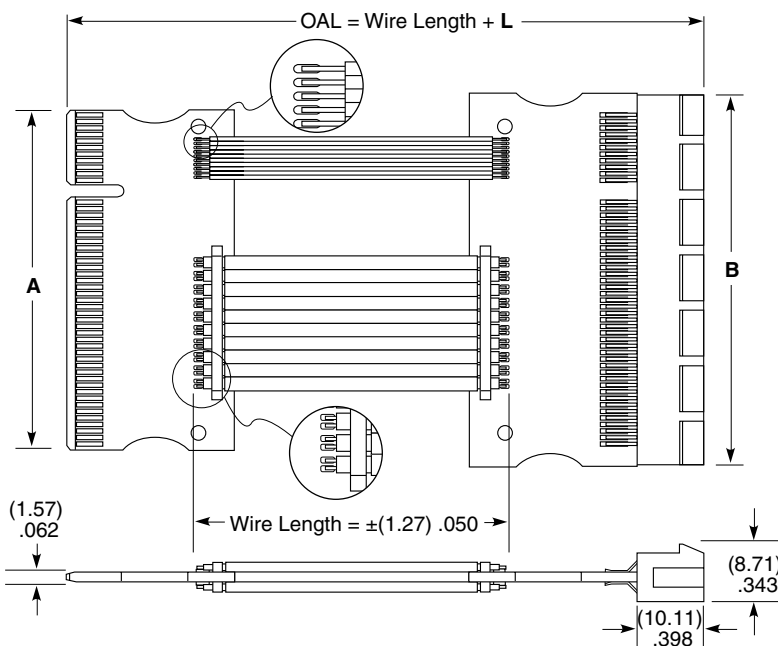
* Contact hdr@samtec.com for information

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)



| END TO END | L |
|------------|-------------|
| -EC to -EC | (39.6) 1.56 |
| -EC to -EM | (49.6) 1.95 |

| NO. OF POSITIONS | A | B |
|------------------|-----------------|-----------------|
| -036 (x1) | (20.30) .800 | (25.40) 1.00 |
| -064 (x4) | (34.30) 1.35 | (39.40) 1.55 |
| -098 (x8) | (51.30) 2.02 | (56.40) 2.22 |
| -164 (x16) | (84.30) 3.32 | (89.40) 3.52 |

Notes:

Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

Design your full cable assembly with Samtec's High-Speed Cable Builder at www.samtec.com/cablebuilder

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This Series is non-standard, non-returnable.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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