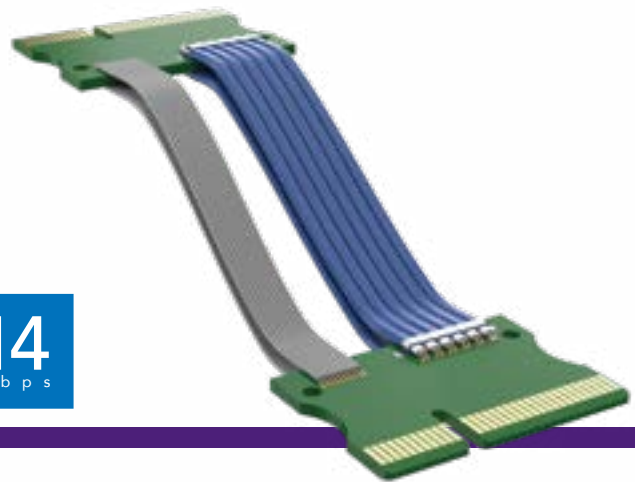


PCI EXPRESS® JUMPERS

(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
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-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

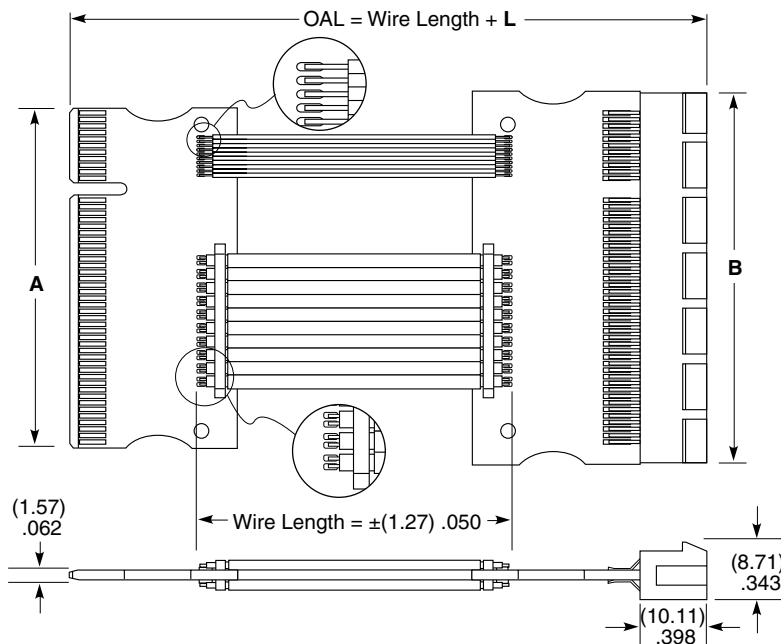
-85
= 85 Ω

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
Solutionator® at
www.samtec.com/cablebuilder

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service marks of PCI-SIG

This Series is non-standard,
non-returnable.