



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



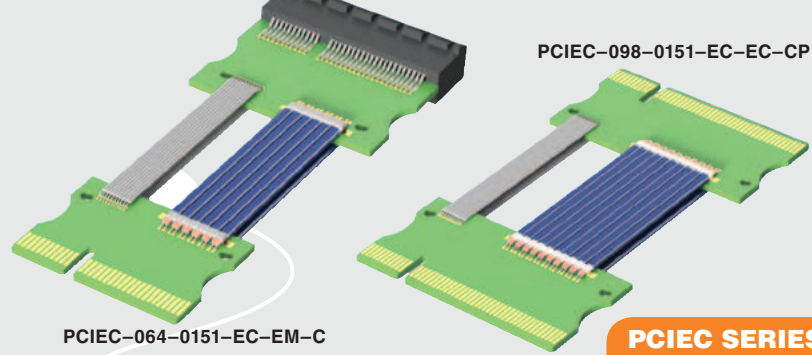
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(1.00 mm) .0394"

PCIEC SERIES

PCI EXPRESS® JUMPERS

SPECIFICATIONS

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

CABLE ASSEMBLY

Performance:
Supports PCIe® Gen 1 & 2
Operating Temp:
-25 °C to +105 °C
RoHS Compliant:
Yes
Cable:
Eye Speed® 30 AWG twinax or
Eye Speed® 32 AWG twinax
30 AWG Insulated Ribbon
Bend Radius:
(3.18 mm) .125"
-EM Connector:
Black Nylon
Contact:
Phosphor Bronze
Plating:
Au or Sn over 50 μ" Ni
Card Insertion Depth:
(8.00 mm) .315"

Mates with:
PCIE, PCIE-LP

30 AWG
ribbon cable

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

HIGH-SPEED CHANNEL PERFORMANCE

PCIEC

Rating based on Samtec reference channel.
For full SI performance data visit Samtec.com
or contact SIG@samtec.com

14
Gbps

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)

30 AWG shielded
twinax ribbon cable

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	Leave blank for 32 AWG Eye Speed® Cable and no Power Lines (85 Ω only) -C 30 AWG Eye Speed® Cable and no Power Lines (100 Ω only) -CP 30 AWG Eye Speed® Cable and Power Lines (100 Ω only) -P 32 AWG Eye Speed® Cable and Power Lines (85 Ω only)	Leave blank for 100 Ω -85 = 85 Ω

OAL = Wire Length + L

Wire Length = ±(1.27) .050

(1.57) .062

(8.71) .343

(10.11) .398

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

NO. OF POS.	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)	(64.30) 3.32	(69.40) 3.52

Notes:
PCI-SIG®, PCI Express® and the PCIe® design marks are registered trademarks and/or service marks of PCI-SIG.

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

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

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.