

PCI EXPRESS® EDGE CARD SOCKETS

(1.00 mm) .0394" PITCH



KEY SPECIFICATIONS

• Alignment pin and weld tab options

SERIES	TOTAL PINS (LANES)	INSULATOR MATERIAL	CONTACT MATERIAL	OPERATING TEMP RANGE	CURRENT RATING	VOLTAGE RATING	PCIE* COMPATIBILITY
PCIE	36 (x1), 64 (x4), 98 (x8), 164 (x16)	-TH = Black Nylon -EMS2 & -TH = LCP	Phosphor Bronze	-55 °C to +125 °C	2.4 A (2 pins)	215 VAC	3.0
PCIE-LP	36 (x1), 64 (x4), 98 (x8), 164 (x16)	LCP	Phosphor Bronze	-55 °C to +125 °C	2.1 A (2 pins)	215 VAC	4.0
PCIE-G4	36 (x1), 64 (x4), 98 (x8), 164 (x16)	LCP	Copper Alloy	-55 °C to +125 °C	2.2 A (2 pins)	300 VAC	4.0
PCIE-G5	36 (x1), 64 (x4), 98 (x8), 164 (x16)	LCP	Copper Alloy	-55 °C to +125 °C	3.2 A (2 pins)	235 VAC	5.0

Edge Card

connectors

socket with Edge Rate* contacts (PCIE-G4)





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-036, -064, -098, -164

=Gold flash on contact, Tin on tail

-EMS2

= Edge Mount

_TH =Through-hole

-RA =Right-angle

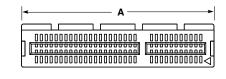
PCIE

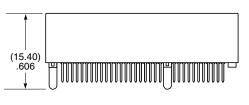
Card Mates: (1.60 mm) .062" card

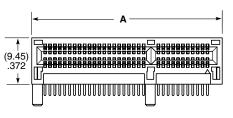


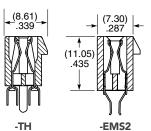


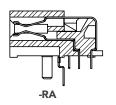
POSITIONS	A	
-036 (x1)	(25.00) .984	
-064 (x4)	(39.00) 1.535	
-098 (x8)	(56.00) 2.205	
-164 (x16)	(89.00) 3.504	











View complete specifications at: samtec.com?PCIE



-01, -04, -08, -16

= Gold Flash on contact, Matte Tin on tail

> = 30 µ" (0.75 µm) Gold on contact, Matte Tin on tail

-WT = Weld Tab

-K = Polyimide film Pick & Place Pad

Α

(26.60) 1.047

(40.60) 1.598

(57.60) 2.268

(90.60) 3.567

(For -16 lanes
only leave blank for
Tray Packaging)

-TR = Tape & Reel ("X"R required with -01, -04, -08 lanes)

-FR = Full Reel Tape & Reel

(must order max. quantity per reel; contact Samtec for quantity breaks) ("X"R required with -01, -04, -08 lanes)

PCIE-LP

Card Mates: (1.60 mm) .062" card

Cable Mates: PCIEC



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the PCIe* design marks are
registered trademarks and/or
service marks of PCI-SIG.

Note: Some lengths, styles and options are non-standard, non-returnable.

7.50) 2.295
← ───A ─────

 A	
	(7.80) .307

	(7.98) .314
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NUMBER OF

LANES

-01

-04

-08

-16

View complete specifications at: samtec.com?PCIE-LP