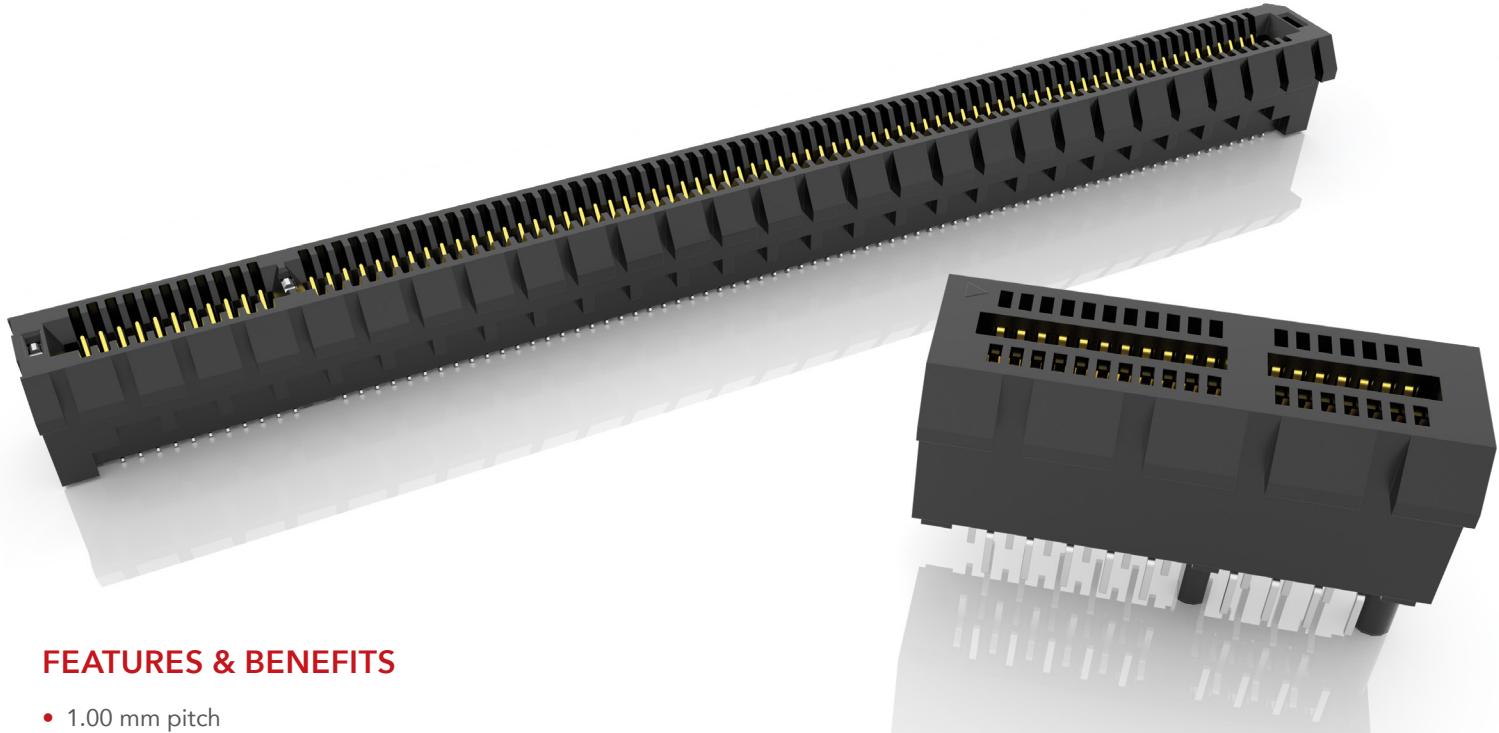




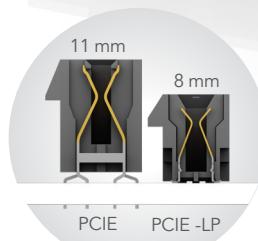
PCI EXPRESS® EDGE CARD SOCKETS

(1.00 mm) .0394" PITCH



FEATURES & BENEFITS

- 1.00 mm pitch
- Supports 1, 4, 8 and 16 PCI Express® links
- PCIE® 3.0 Solution (PCIE)
- PCIE® 4.0 Solution with low profile design for space savings (PCIE-LP)
- PCIE® 4.0 with slim body design (PCIE-G4)
- PCIE® 5.0/6.0 Solution with differential pair signaling (PCIE-G5)
- Vertical, right-angle and edge mount
- Mates with .062" (1.60 mm) thick cards
- Alignment pin and weld tab options



PCIE® 3.0 & 4.0
Edge Card
connectors



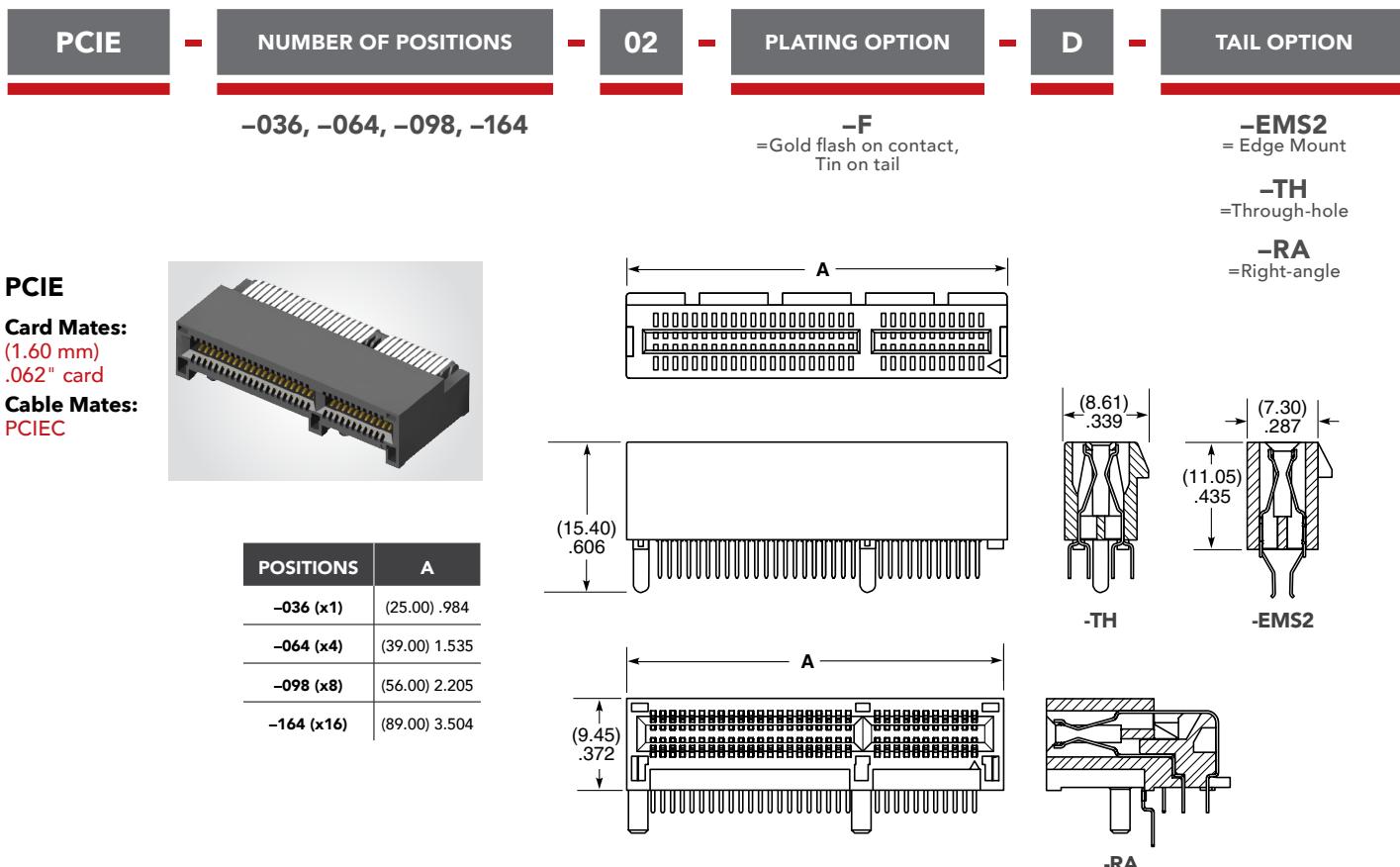
PCIE® 4.0 slim body
socket with Edge Rate®
contacts (PCIE-G4)

KEY SPECIFICATIONS

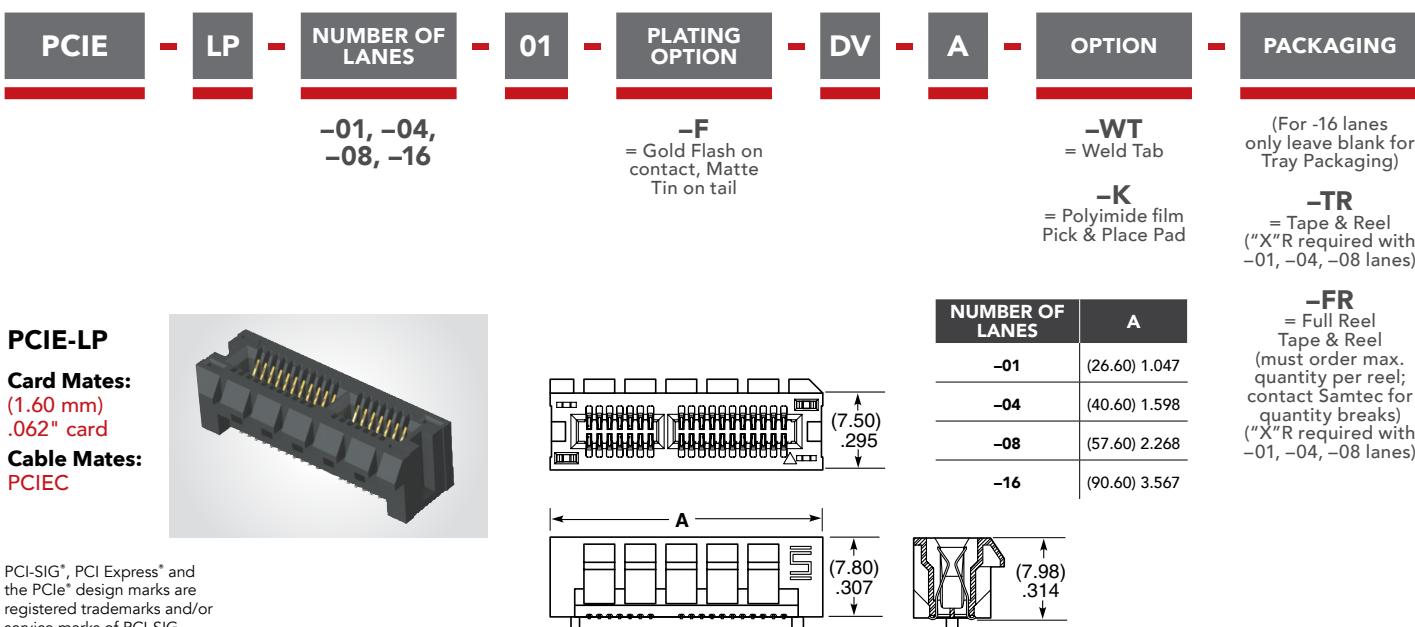
Series	Total Pins (lanes)	Insulator Material	Contact Material	Operating Temp Range	Current Rating	Voltage Rating	PCIE® Compatibility
PCIE	36 (x1), 64 (x4), 98 (x8), 164 (x16)	-TH = Black Nylon -EMS2 & -TH = LCP	Phosphor Bronze	-55 °C to +125 °C	2.4 A (2 pins)	215 VAC/304 VDC	3.0
PCIE-LP	36 (x1), 64 (x4), 98 (x8), 164 (x16)	LCP	Phosphor Bronze	-55 °C to +125 °C	2.1 A (2 pins)	215 VAC/304 VDC	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/424 VDC	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)	220 VAC/311 VDC	5.0/6.0

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(1.00 mm) .0394" PITCH • PCI EXPRESS® CARD SOCKETS



View complete specifications at: samtec.com?PCIE



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

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