PCIe GEN 4 CARD EDGE CONNECTOR

NEW CONNECTORS SUPPORT PLATFORMS WITH HIGHER BANDWIDTH.

TE Connectivity's (TE) PCIe Gen 4 card edge connectors meet industry PCI-SIG Card Electromechanical (CEM) specification 4.0 and support up to 16 Gbps of bandwidth. Designed to support next-generation CPUs for better system application scaling, TE's PCIe Gen 4 card edge connectors feature a 1.00mm pitch to enable all generations of PCI Express signaling designs and support speeds of 16 Gbps (PCIe Gen 4), 8.0 Gbps (PCIe Gen 3), 5.0 Gbps (PCIe Gen 2) and 2.5 Gbps (PCIe Gen 1). In addition, the connectors' footprint and mating interface are backward-compatible with each PCIe generation.

APPLICATIONS

- Servers
- Storage
- Workstations
- Desktop PCs

BENEFITS

- Support next-generation processors for better system application scaling and higher bandwidth in servers, workstations and desktop PCs

- Available in a wide variety of configurations, including x1, x4, x8, x16 (36/64/98/164 positions) standard links as per PCI-SIG CEM specification

- The 1.00mm pitch, vertical card edge connectors enable all generations of PCI Express signaling designs and support 16 Gbps (Gen 4), 8.0 Gbps (Gen 3), 5.0 Gbps (Gen 2), and 2.5 Gbps (Gen 1)

- Footprint and mating interface backward-compatible with each generation

KEY FEATURES

- Speed: 16 Gbps (NRZ)

- Impedance: 85Ω

- Pitch: 1.0mm

- Tail: Vertical SMT

- Pin count: x16 (164P), x8 (98P), x4 (64P), x1 (36P)

- Plating: 30u'', 15u'', gold flash

- Pitch: 1.0mm

- Polyester film: Full cover surface, 10mm x 10mm

- Housing material: LCP (RoHS compliant, Low-halogen material)

- Package: Hard tray/soft tray

- Durability: 50 cycles

- Product specifications # 108-60121/#108-60121-1

PRODUCT OFFERING

Main Configuration	P/N	Position	Plating	Package	Polyester Film Size
Standard PCIe Gen 4 Card Edge Connectors (Solder Pad)	5-2337939-8	164	30u''	hard tray	86.5x7
	5-2337939-7	98	30u''	hard tray	53.5x7
	5-2337939-6	64	30u''	soft tray	36.5x7
	5-2337939-4	164	30u''	hard tray	10x10
	5-2337939-3	98	30u''	hard tray	10x10
	5-2337939-2	64	30u''	soft tray	10x10
	4-2337939-8	164	15u''	hard tray	86.5x7
	4-2337939-7	98	15u''	hard tray	53.5x7
	4-2337939-6	64	15u''	soft tray	36.5x7
	4-2337939-4	164	15u''	hard tray	10x10
	4-2337939-3	98	15u''	hard tray	10x10
	4-2337939-2	64	15u''	soft tray	10x10
	3-2337939-8	164	Gold/Flash	hard tray	86.5x7
	3-2337939-7	98	Gold/Flash	hard tray	53.5x7
	3-2337939-6	64	Gold/Flash	soft tray	36.5x7
	3-2337939-4	164	Gold/Flash	hard tray	10x10
	3-2337939-3	98	Gold/Flash	hard tray	10x10
	3-2337939-2	64	Gold/Flash	soft tray	10x10
	2-2337939-4	164	30u''	hard tray	NA
	2-2337939-3	98	30u''	hard tray	NA
	2-2337939-2	64	30u''	soft tray	NA
	6-2337939-4	164	15u''	hard tray	NA
	6-2337939-3	98	15u''	hard tray	NA
	6-2337939-2	64	15u''	soft tray	NA
	2337939-4	164	Gold/Flash	hard tray	NA
	2337939-3	98	Gold/Flash	hard tray	NA
	2337939-2	64	Gold/Flash	soft tray	NA
Standard PCIe Gen 4 Connectors (Open End)	5-2349820-8	164	30u''	hard tray	86.5x7
	5-2349820-7	98	30u''	hard tray	53.5x7
	5-2349820-4	164	30u''	hard tray	10x10
	5-2349820-3	98	30u''	hard tray	10x10
	4-2349820-8	164	15u''	hard tray	86.5x7
	4-2349820-7	98	15u''	hard tray	53.5x7
	4-2349820-4	164	15u''	hard tray	10x10
	4-2349820-3	98	15u''	hard tray	10x10
	3-2349820-8	164	Gold/Flash	hard tray	86.5x7
	3-2349820-7	98	Gold/Flash	hard tray	53.5x7
	3-2349820-4	164	Gold/Flash	hard tray	10x10
	3-2349820-3	98	Gold/Flash	hard tray	10x10
	2-2349820-4	164	30u''	hard tray	NA
	2-2349820-3	98	30u''	hard tray	NA
	6-2349820-4	164	15u''	hard tray	NA
	6-2349820-3	98	15u''	hard tray	NA
	2349820-4	164	Gold/Flash	hard tray	NA
	2349820-3	98	Gold/Flash	hard tray	NA
Standard PCIe Gen 4 Connectors (Solder Tab)	5-2354154-8	164	30u''	hard tray	86.5x7
	5-2354154-4	164	30u''	hard tray	10x10
	4-2354154-8	164	15u''	hard tray	86.5x7
	4-2354154-4	164	15u''	hard tray	10x10
	3-2354154-8	164	Gold/Flash	hard tray	86.5x7
	3-2354154-4	164	Gold/Flash	hard tray	10x10
	2-2354154-4	164	30u''	hard tray	NA
	6-2354154-4	164	15u''	hard tray	NA
	2354154-4	164	Gold/Flash	hard tray	NA

For information on product availability, please contact your TE representative.

TE Technical Support Center

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