

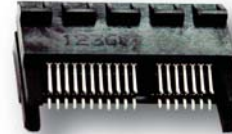
Straddle Type



SMT Type



Straddle Type - PN: G630HAA2224AEU



Overview:

PCI Express (PCIe) is a new serial I/O technology that is compatible with the current PCI software environment. It provides low-cost, scalable performance for the next generation of computing and communications platforms, while also providing a long-term path to improved I/O slots.

Features:

- Complies with PCI SIG Gen 1.0 - 3.0 standard for PCIe implementation
- Modular design includes a series of card edge connectors
 - 36p, 64p, 98p, 164p, 280p available
- Variety of modular optional design types available:
 - Vertical SMT, Vertical Press-Fit, Straddle
- Variety of contact plating options

Applications:

- PC
- Workstations
- Servers



Technical Specifications:

Mechanical Specifications	
Insertion Force	1.15N (0.117Kgf) max. per contact pair
Withdrawal Force	0.15N (0.015Kgf) min. per contact pair
Contact Retention Force	0.5Kgf min. per pin
Durability Rating	50 cycles

Electrical Specification	
Contact Resistance	Initial: 30 milliohms max. Final: Δ 20 milliohms max.
Current Rating	1.1A min. per pin
Voltage Rating	50V AC (rms)

Environmental Specifications	
Salt Spray	Contact Resistance: 20 milliohms max. (Final)
Thermal Shock	Contact Resistance: Δ 20 milliohms max. (Final)
Solderability	90% of immersed area must show no voids and pin holes

Ordering Information:

Part Number	Description	Type	Pins	Plating	Housing	Notes	Other
G630H361621EU	PCIe Gen 3.0 V/T	SMT	36	15 μ "	PA9T		Black With Cap
G630H641621EU	PCIe Gen 3.0 V/T	SMT	64	15 μ "	PA9T		Black With Cap
G630H982621EU	PCIe Gen 3.0 V/T	SMT	98	30 μ "	PA9T		Black With Cap
G630HAA1621EU	PCIe Gen 3.0 V/T	SMT	164	15 μ "	PA9T		Black With Cap
G630HAA2621EU	PCIe Gen 3.0 V/T	SMT	164	30 μ "	PA9T	Black With Cap	
G630H3602247EU	PCIe Gen 3.0 V/T	Straddle	36	Flash	PA9T	PCB Thickness (mm)	2.30
G630H3612246EU	PCIe Gen 3.0 V/T	Straddle	36	15 μ "	PA9T		2.08
G630H9812248EU	PCIe Gen 3.0 V/T	Straddle	98	15 μ "	PA9T		1.57
G630H981224BEU	PCIe Gen 3.0 V/T	Straddle	98	15 μ "	PA9T		2.36
G630HAA02247EU	PCIe Gen 3.0 V/T	Straddle	164	15 μ "	PA9T		2.08
G630HAA12246EU	PCIe Gen 3.0 V/T	Straddle	164	15 μ "	PA9T		2.36
G630HAA1224BEU	PCIe Gen 3.0 V/T	Straddle	164	30 μ "	PA9T		2.36
G630HAA2224AEU	PCIe Gen 3.0 V/T	Straddle	164	30 μ "	PA9T		2.36



To learn more about PCIe connectors:

web: amphenolcanada.com

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