



**THE DATASHEET OF  
G630H361621EU**



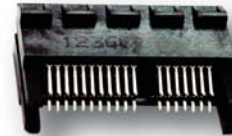
Straddle Type



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
<b>G630H361621EU</b>	PCIe Gen 3.0 V/T	SMT	36	15μ"	PA9T		
<b>G630H641621EU</b>	PCIe Gen 3.0 V/T	SMT	64	15μ"	PA9T		Black With Cap
<b>G630H982621EU</b>	PCIe Gen 3.0 V/T	SMT	98	30μ"	PA9T		Black With Cap
<b>G630HAA1621EU</b>	PCIe Gen 3.0 V/T	SMT	164	15μ"	PA9T		Black With Cap
<b>G630HAA2621EU</b>	PCIe Gen 3.0 V/T	SMT	164	30μ"	PA9T		Black With Cap
<b>G630H3602247EU</b>	PCIe Gen 3.0 V/T	Straddle	36	Flash	PA9T	PCB Thickness (mm)	2.30
<b>G630H3612246EU</b>	PCIe Gen 3.0 V/T	Straddle	36	15μ"	PA9T		2.08
<b>G630H9812248EU</b>	PCIe Gen 3.0 V/T	Straddle	98	15μ"	PA9T		1.57
<b>G630H981224BEU</b>	PCIe Gen 3.0 V/T	Straddle	98	15μ"	PA9T		2.36
<b>G630HAA02247EU</b>	PCIe Gen 3.0 V/T	Straddle	164	15μ"	PA9T		2.08
<b>G630HAA12246EU</b>	PCIe Gen 3.0 V/T	Straddle	164	15μ"	PA9T		2.36
<b>G630HAA1224BEU</b>	PCIe Gen 3.0 V/T	Straddle	164	30μ"	PA9T		2.36
<b>G630HAA2224AEU</b>	PCIe Gen 3.0 V/T	Straddle	164	30μ"	PA9T		2.36



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