



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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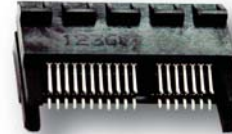
Straddle Type



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: $\Delta$ 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: $\Delta$ 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	15 $\mu$ "	PA9T		
<b>G630H641621EU</b>	PCIe Gen 3.0 V/T	SMT	64	15 $\mu$ "	PA9T	Black With Cap	
<b>G630H982621EU</b>	PCIe Gen 3.0 V/T	SMT	98	30 $\mu$ "	PA9T	Black With Cap	
<b>G630HAA1621EU</b>	PCIe Gen 3.0 V/T	SMT	164	15 $\mu$ "	PA9T	Black With Cap	
<b>G630HAA2621EU</b>	PCIe Gen 3.0 V/T	SMT	164	30 $\mu$ "	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	15 $\mu$ "	PA9T		2.08
<b>G630H9812248EU</b>	PCIe Gen 3.0 V/T	Straddle	98	15 $\mu$ "	PA9T		1.57
<b>G630H981224BEU</b>	PCIe Gen 3.0 V/T	Straddle	98	15 $\mu$ "	PA9T		2.36
<b>G630HAA02247EU</b>	PCIe Gen 3.0 V/T	Straddle	164	15 $\mu$ "	PA9T		2.08
<b>G630HAA12246EU</b>	PCIe Gen 3.0 V/T	Straddle	164	15 $\mu$ "	PA9T		2.36
<b>G630HAA1224BEU</b>	PCIe Gen 3.0 V/T	Straddle	164	30 $\mu$ "	PA9T		2.36
<b>G630HAA2224AEU</b>	PCIe Gen 3.0 V/T	Straddle	164	30 $\mu$ "	PA9T		2.36

