



Personal Systems Products Computer Industry

Expansion Connectors

Card Edge Connector "Z"



Material and Finish:

Housing – High temperature PPS
Contacts – Phosphor bronze, plated
.000030 (0.00076) gold in
contact area
Metal Holddowns – Brass

No. of Pos.	Description	Part Numbers
240	.062 [1.52] Daughter Card	145427-5
280	.062 [1.52] Daughter Card	145427-9
360	.062 [1.52] Daughter Card	1-145427-7
480	.093 [2.36] Daughter Card	2-145400-9

Product Facts:

- High density card edge connectors used in servers, work stations and high-end PCs
- Use in high-speed signal application such as memory expansion and high performance and multiple CPU interface
- .025 [0.64] centerline density with .050 [1.27] daughter card allowance
- Less than 1% @ 200 pS cross talk
- 1:1 signal ground ratio
- High density (80 lines/in.)
- 100 cycles min. durability

AGP (Accelerated Graphics Port) 124 Position 1mm Standard Edge Connectors



Solder Tail

Straddle Mount

Material and Finish:

Housing – Thermoplastic, brown
Contacts – Phosphor bronze, plated gold over .000050 (0.00127) min. nickel in contact area; .000100 (0.00254) min. tin-lead over .000050 (0.00127) min. nickel in solder tail area
Hold Downs – Brass plated .000"50 (0.00381) min. tin-lead over .000050 (0.00127) min. nickel

Connector Style	Notes	Solder Tail Length	Part Number
Solder Tail	1	2.65	145518-4
Solder Tail	1	3.10	145518-1
Straddle Mount	1	—	145385-1
Solder Tail	2	2.65	145518-6
Solder Tail	2	3.10	145518-3

Notes:

1 - gold flash
2 - .015 plated gold

Product Facts:

- Interconnection for AGP technology bringing high performance 3D graphics and full motion video to the desktop
- Through-hole and straddle-mount versions available
- Staggered contact mating pads for lower card insertion forces

AGP (Accelerated Graphics Port) Universal Connectors

Material and Finish:

Housing – Thermoplastic, brown
Contacts – Phosphor bronze, plated gold over .000050 (0.00127) min. nickel in contact area; .000100 (0.00254) min. tin-lead over .000050 (0.00127) min. nickel in solder tail area
Hold Downs – Brass

No of Pos.	Connector Type	Connector Style	Solder Tail Length	Voltage	Part Number
132	AGP-LC	Solder Tail	.085 [2.16]	1.5	145376-1
132	AGP-LC	Solder Tail	.100 [2.54]	1.5	145376-2
132	AGP-LC	Solder Tail	.125 [3.18]	1.5	145376-3
180	AGP-PRO-UC	Solder Tail	.085 [2.16]	3.3	145209-1
180	AGP-PRO-UC	Solder Tail	.100 [2.54]	3.3	145409-2
180	AGP-PRO-UC	Solder Tail	.125 [3.18]	3.3	145409-3
172	AGP-PRC	Solder Tail	.085 [2.16]	1.5	145410-1
172	AGP-PRC	Solder Tail	.100 [2.54]	1.5	145410-2
172	AGP-PRC	Solder Tail	.125 [3.18]	1.5	145410-3
172	AGP-PRC	Straddle Mount - Available on request			145387-1

Product Facts:

- Ideal for high-performance work stations
- Simplifies purchasing, inventory, and manufacturing for AGP
- Pivoting board-locks offer connector centering before solder tails enter the PCB
- Globally tooled