



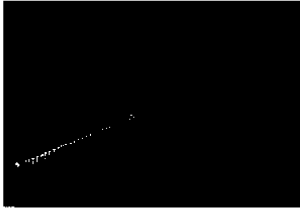
Personal Systems Products
Computer Industry

Expansion Connectors

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Expansion Connectors

Card Edge Connector "Z"

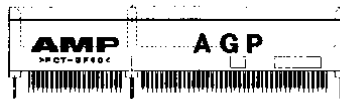


Material and Finish:
Housing – High temperature PPS
Contacts – Phosphor bronze, plated
.000030 [0.00076] gold in
contact area
Metal Holddowns – Brass

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 .000150 [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	—	145386-1
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