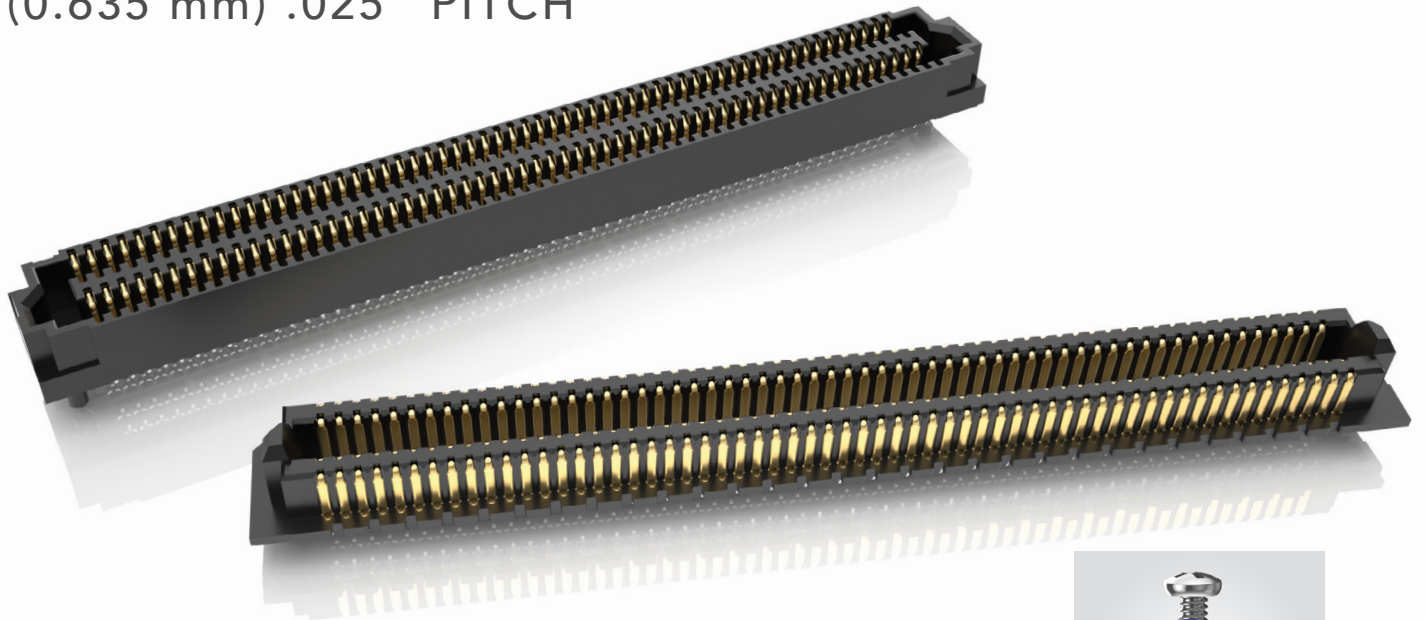


ACCELERATE[®] HD

HIGH-DENSITY SLIM BODY ARRAYS

(0.635 mm) .025" PITCH



FEATURES & BENEFITS

- Up to 400 positions in a 4-row design
- 5 mm, 7 mm, 9 mm, 10 mm, 11 mm, 12 mm, 14 mm & 16 mm stack heights
- Slim 5 mm width body design
- Edge Rate[®] contact system optimized for signal integrity performance
- Open-pin-field for grounding and routing flexibility
- Supports 64 Gbps PAM4 (32 Gbps NRZ) applications
- PCIe[®] 6.0/CXL[®] 3.1 capable

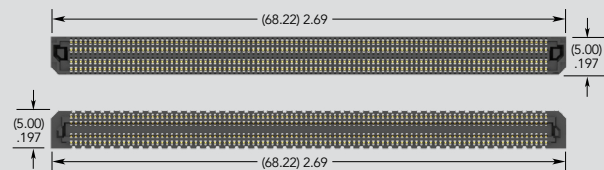
PAM4

64
Gbps



SureWare[™] ultra rugged guide post standoffs available (GPSO)

HIGHER DENSITY THAN PREVIOUS GENERATION STRIPS



ADM6/ADF6 Series (400 total positions)

KEY SPECIFICATIONS (ADM6/ADF6)

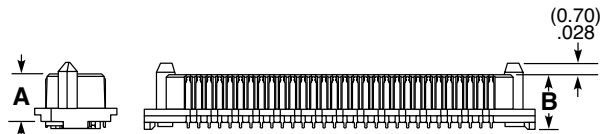
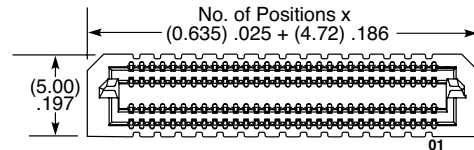
| PITCH | TOTAL POSITIONS | INSULATOR MATERIAL | CONTACT MATERIAL | PLATING | OPERATING TEMP RANGE | CURRENT RATING | WORKING VOLTAGE | LEAD-FREE SOLDERABLE |
|---------------------|-----------------|--------------------|------------------|-------------------------------------|----------------------|------------------------------------|-----------------|----------------------|
| (0.635 mm) .025" | 40 - 400 | Black LCP | Copper Alloy | Au or Sn over 50 μm (1.27 μm) Ni | -55 °C to +125 °C | 1.34 A per pin (4 pins powered) | 155 VAC/219 VDC | Yes |

PCI-SIG[®], PCI Express[®] and the PCIe[®] design marks are registered trademarks and/or service marks of PCI-SIG.

(0.635 mm) .025" PITCH • SLIM BODY OPEN-PIN-FIELD ARRAYS

| SERIES | NO. OF POSITIONS | LEAD STYLE | PLATING OPTION | NO. OF ROWS | 0 | OPTION | "X"R |
|-------------------------|---|---|--|--------------------------|---|------------------------------------|---|
| ADM6 Terminal | -10, -20, -30, -40, -50, -60, (per row) | -01.5 = 1.5 mm (ADM6 only) | -L = 10 μ" (0.25 μm) Gold on contact area, Matte Tin on tail | -4 = Four Rows | | (Leave blank for no alignment pin) | -TR = Tape & Reel |
| ADF6 Socket | -70, -80, -90, -100 (ADF6-03.5 & ADM6-01.5, -03.5 & -06.5 lead styles only) | -03.5 = 3.5 mm | -S = 30 μ" (0.76 μm) Gold on contact area, Matte Tin on tail | | | -A = Alignment Pin | -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) |
| | | -06.5 = 6.5 mm (ADM6 only) | -STL = 30 μ" (0.76 μm) Gold on contact area, Tin/Lead on solder tail (ADM6 -01.5 lead style & ADF6 -03.5 lead style only) | | | | |
| | | -07.5 = 7.5 mm (ADF6 only) | | | | | |
| | | -08.5 = 8.5 mm (ADM6 only) | | | | | |

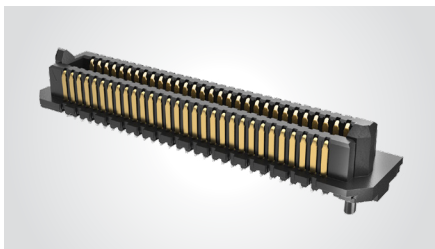
-08.5
PRELIMINARY



ADM6

Board Mates:
ADF6

Standoffs:
JSO, GPSO



| LEAD STYLE | A | B |
|------------|-------------|--------------|
| -01.5 | (2.90) .114 | (3.32) .131 |
| -03.5 | (4.90) .193 | (5.32) .209 |
| -06.5 | (7.90) .311 | (8.32) .328 |
| -08.5 | (9.90) .390 | (10.32) .406 |

View complete specifications at: samtec.com?ADM6

MATED HEIGHTS *

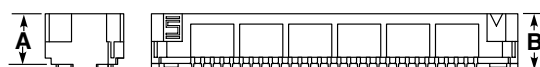
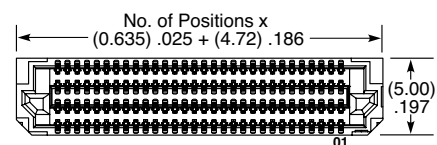
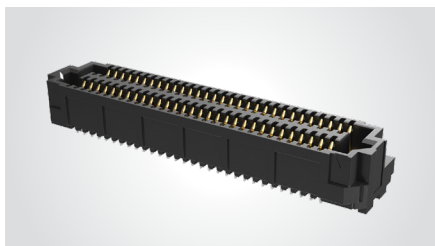
| ADF6 LEAD STYLE | ADM6 LEAD STYLE | | | |
|-----------------|-----------------|---------------|---------------|---------------|
| | -01.5 | -03.5 | -06.5 | -08.5 |
| -03.5 | (5 mm) .197" | (7 mm) .276" | (10 mm) .394" | (12 mm) .472" |
| -07.5 | (9 mm) .354" | (11 mm) .433" | (14 mm) .551" | (16 mm) .630" |

* Processing conditions will affect mated height.

ADF6

Board Mates:
ADM6

Standoffs:
JSO, GPSO



| LEAD STYLE | A | B |
|------------|-------------|-------------|
| -03.5 | (3.23) .127 | (3.65) .144 |
| -07.5 | (7.23) .285 | (7.65) .301 |

Notes:

Some sizes, styles and options are non-standard, non-returnable

View complete specifications at: samtec.com?ADF6

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[ADM6-30-1.5-L-4-2-A](#) [ADM6-20-1.5-L-4-2-A](#) [ADM6-50-1.5-L-4-2-A](#) [ADM6-60-1.5-L-4-2-A](#) [ADM6-10-1.5-L-4-2-A](#)
[ADM6-40-1.5-L-4-2-A](#)