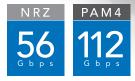
ACCELERATE[®]HP HIGH-PERFORMANCE ARRAY SYSTEM (0.635 mm) .025" PITCH



FEATURES & BENEFITS

- Flexible open-pin-field and cost optimized, extreme performance solution
- Low-profile 5 mm stack height and up to 10 mm
- 0.635 mm pitch
- Four row design with up to 400 total pins; roadmap to 1,000+ pins
- Data rate capable of PCIe® 5.0 and 100 GbE
- In Development: Cable assembly designs,
 6, 8 and 10 rows, additional position counts



Solder ball technology for simplified processing



APF6 Sereis; 120 pins (actual size show)

KEY SPECIFICATIONS

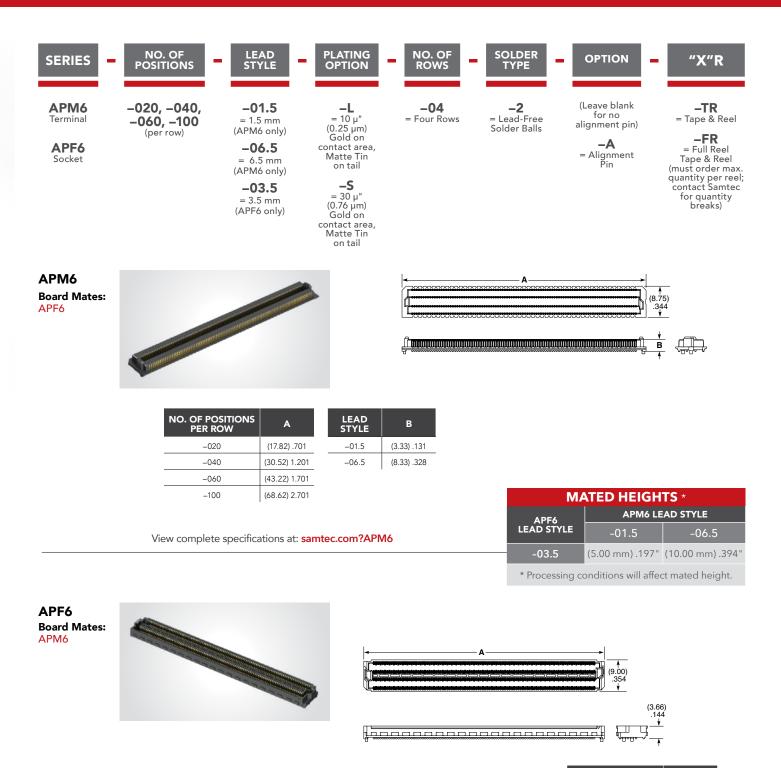
STACK HEIGHTS	TOTAL PINS	INSULATOR MATERIAL	CONTACT MATERIAL	PLATING	OPERATING TEMP RANGE	LEAD-FREE SOLDERABLE
5 mm - 10 mm	40 - 400	Black LCP	Copper Alloy	Au or Sn over 50 μ" (1.27 μm) Ni	-55 °C to +125 °C	Yes

samtec.com/AcceleRateHP

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.



(0.635 mm) .025" PITCH • 112 Gbps PAM4 OPEN-PIN-FIELD ARRAYS



NO. OF POSITIONS PER ROW	A
-020	(17.82) .701
-040	(30.52) 1.201
-060	(43.22) 1.701
-100	(68.62) 2.701

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

View complete specifications at: samtec.com?APF6 samtec.com/AcceleRateHP

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