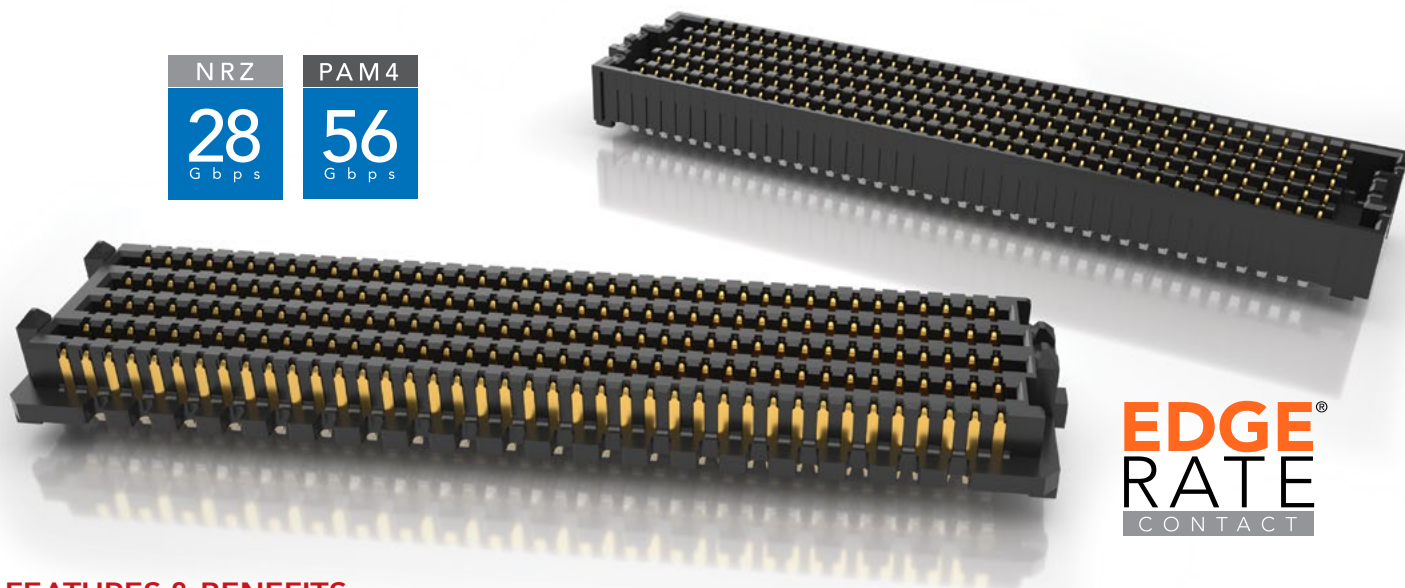
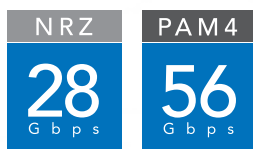


SEARAYTM.8mm

ULTRA HIGH-DENSITY, HIGH-SPEED OPEN-PIN-FIELD ARRAYS

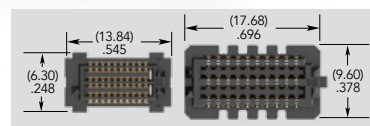
(0.80 mm) .0315" PITCH



**EDGE
RATE[®]**
CONTACT

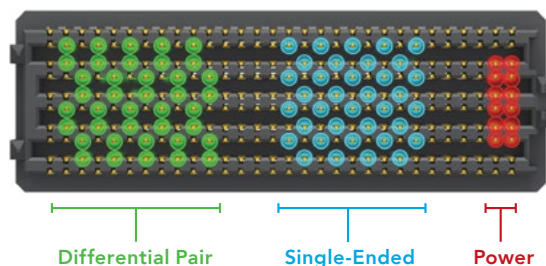
FEATURES & BENEFITS

- 0.80 mm (.0315") pitch grid
- 50% board space savings versus .050" (1.27 mm) pitch arrays
- Performance up to 28 Gbps NRZ/56 Gbps PAM4
- Rugged Edge Rate[®] contact system
- Up to 500 I/Os
- 7 mm and 10 mm stack heights
- Solder charge terminations for ease of processing
- Lower insertion/withdrawal forces



0.80 mm pitch vs. 1.27 mm pitch
(60 pins shown)

MAXIMUM GROUNDING & ROUTING FLEXIBILITY



KEY SPECIFICATIONS

PITCH	STACK HEIGHTS	TOTAL PINS	INSULATOR MATERIAL	CONTACT MATERIAL	PLATING	CURRENT RATING	LEAD-FREE SOLDERABLE
0.80 mm	7 mm & 10 mm	up to 500 I/Os	Black LCP	Copper Alloy	Au or Sn over 50 μ" (1.27 μm) Ni	1.3 A per pin (10 adjacent pins powered)	Yes

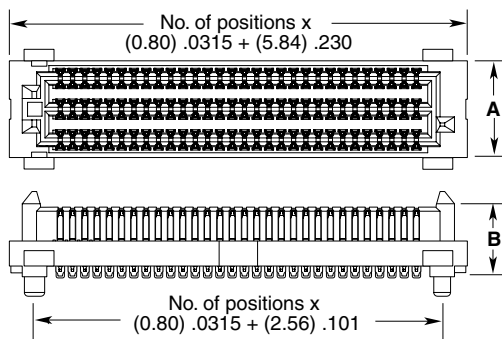
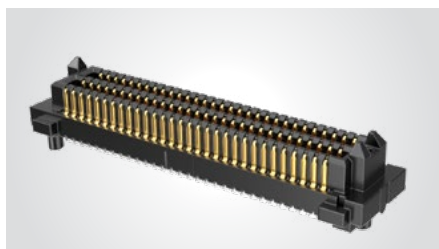
Due to technical progress, all designs, specifications and components are subject to change without notice.



(0.80 mm) .0315" PITCH • ULTRA HIGH-DENSITY ARRAYS

SERIES	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	NO. OF ROWS	SOLDER TYPE	OPTION	K
A-SEAM8 Terminal	-10, -20, -30, -40, -50	-S02.0 = 2 mm Body Height (A-SEAM8 only)	-S = 30 μ" (0.76 μm) Gold on contact area, Matte Tin on solder tail	-04 -06 -08	-2 = Lead-Free Solder Crimp	-GP = Guide Post (A-SEAM8 only)	-K = Polyimide film Pick & Place Pad
A-SEAF8 Socket		-S05.0 = 5 mm Body Height (A-SEAM8 only)					
		-05.0 = 5 mm Body Height (A-SEAF8 only)					

A-SEAM8 Board Mates: A-SEAF8



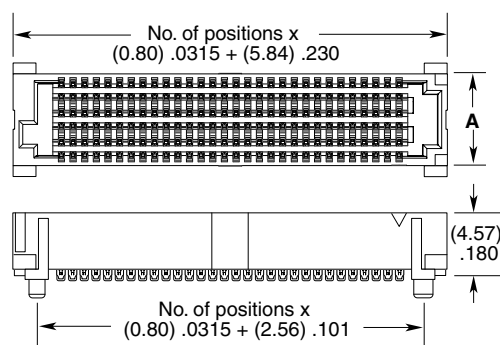
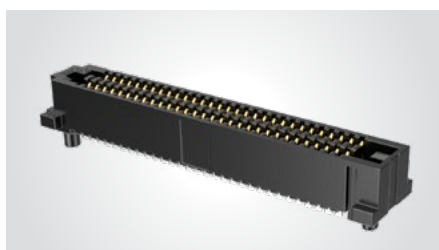
NO. OF ROWS	A
-04	(4.30) .169
-06	(6.30) .248
-08	(8.30) .327

LEAD STYLE	B
-S02.0	(4.54) .179
-S05.0	(7.54) .297

MATED HEIGHTS*		
A-SEAF8 LEAD STYLE	A-SEAM8 LEAD STYLE	
	-S02.0	-S05.0
-05.0	(7.00) .276	(10.00) .394

*Processing conditions will affect mated height.

A-SEAF8 Board Mates: A-SEAM8



Due to technical progress, all designs, specifications and components are subject to change without notice.

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