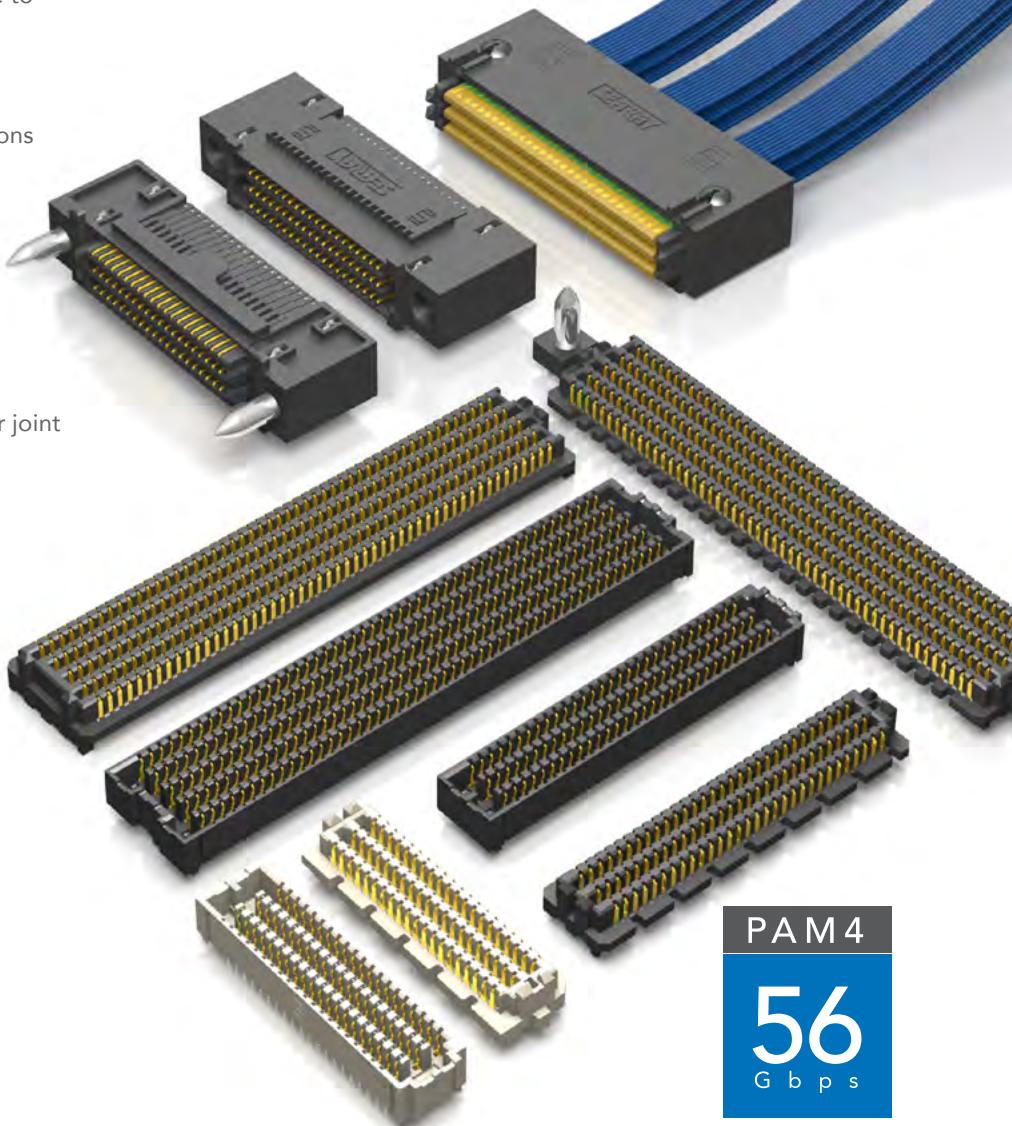


OPEN-PIN-FIELD ARRAYS

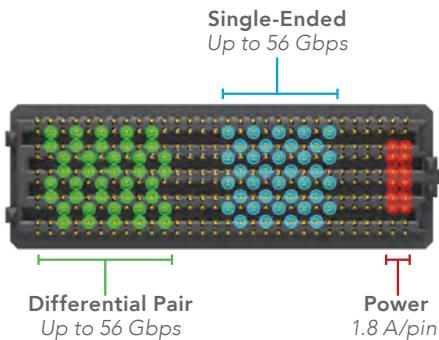
SEARAY™ HIGH-SPEED/HIGH-DENSITY SYSTEMS

- .050" (1.27 mm) pitch grid for maximum routing flexibility
- Up to 560 single-ended I/Os or 140 differential pairs
- Rugged Edge Rate® contact system less prone to damage when "zippered" during unmating
- 7 to 40 mm stack heights
- Parallel, perpendicular, and coplanar applications
- Solder on each tail for ease of processing
- High-speed cable assemblies for 50 Ω or 100 Ω solutions
- Press-fit tails available
- VITA 57.1, VITA 57.4, VITA 74
- IPC-A-610F and IPC J-STD-001F Class 3 solder joint

SEARAY™



Open-Pin-Field Flexibility

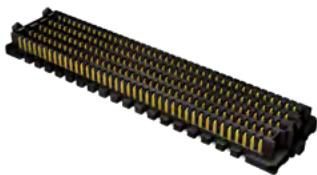


SEARAY™ PRODUCTS

- **SEAM** – .050" Pitch Array Terminal
- **SEAF** – .050" Pitch Array Socket
- **SEAM-RA** – Right-angle, .050" Pitch Array Terminal
- **SEAF-RA** – Right-angle, .050" Pitch Array Socket
- **SEAMP** – Press-fit, .050" Pitch Array Terminal

- **SEAPP** – Press-fit, .050" Pitch Array Socket
- **SEAFP-RA** – Right-angle Press-fit, .050" Pitch Array Socket
- **SEAMI** – 85 Ω Tuned, .050" Pitch Array Terminal
- **SEAR** – Elevated Riser, .050" Pitch Array
- **SEAC** – .050" Pitch Array Cable Assembly

SEARAY™ PRODUCT SOLUTIONS

**SEAM**

Open-Pin-Field Terminal
56 Gbps PAM4 performance;
stack heights from 7 to 18.5 mm

**SEAM-RA**

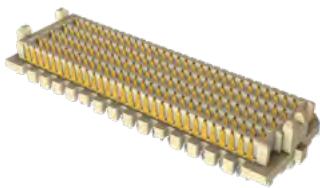
Right-Angle Terminal
25 Gbps performance;
guide post option

**SEAF**

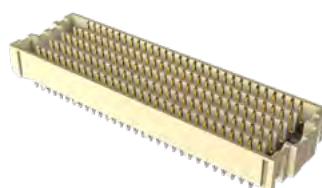
Open-Pin-Field Socket
56 Gbps PAM4 performance;
stack heights from 7 to 18.5 mm

**SEAF-RA**

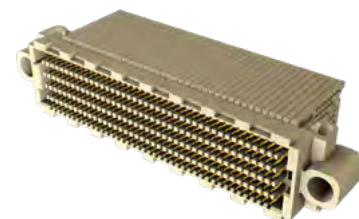
Right-Angle Socket
25 Gbps performance;
latching post option

**SEAMP**

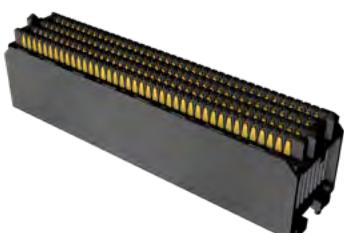
Press-Fit Terminal
28 Gbps performance;
guide post option

**SEAFF**

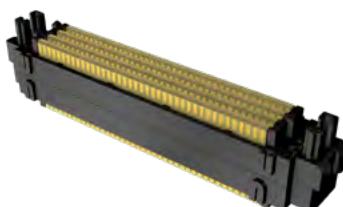
Press-Fit Socket
Stack heights up to 16 mm

**SEAFP-RA**

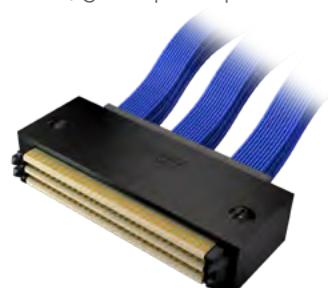
Right-Angle Press-Fit Socket
Press-fit tails; guide post option

**SEAMI**

85 Ω Tuned Terminal
14 Gbps performance;
stack heights up to 17.5 mm

**SEAR**

Elevated Riser
14 Gbps performance;
elevated stack heights up to 40 mm

**SEAC**

High-Speed Cable Assembly
50 Ω coax or 100 Ω twinax cable with
up to 10 rows and 500 I/Os

ALSO AVAILABLE

**UBPT/UBPS**

20 A Discrete Power Modules
Press-fit, right-angle socket and vertical
terminal with four 5 A positions (20 A total)

**JSO**

Precision Board Stacking Jack Screw Standoffs
Assists unmating and reduces risk for
component damage on boards

For more SEARAY™ solutions, please visit www.samtec.com/searay