



ULTRA-HIGH DENSITY OPEN-PIN-FIELD ARRAYS

SEARAY™ 0.80 mm PITCH SYSTEMS

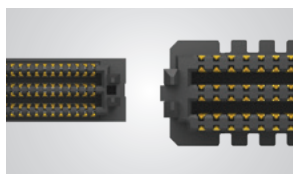
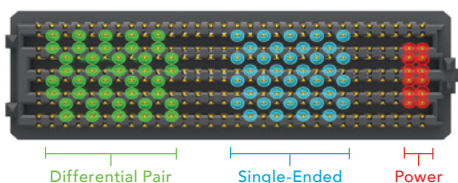
- Up to 720 total Edge Rate® contacts on a 0.80 mm pitch; higher pin counts in development
- 2x the density of 1.27 mm pitch SEARAY™
- Edge Rate® contacts optimized for signal integrity performance
- 7 mm and 10 mm stack heights
- Maximum grounding and routing flexibility
- Right-angle socket available for perpendicular mating
- 34 AWG micro coax cable assembly with up to 300 contacts
- Optional rugged guide posts
- Lead-free solder charge terminations; lead option in development
- Compatible with UMPT/UMPS for flexible two-piece power/signal solutions
- 2.00 mm extended wipe in development

SEARAY™
.8mm



28
Gbps

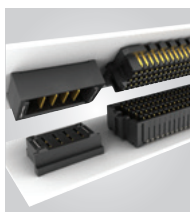
OPEN-PIN-FIELD FLEXIBILITY



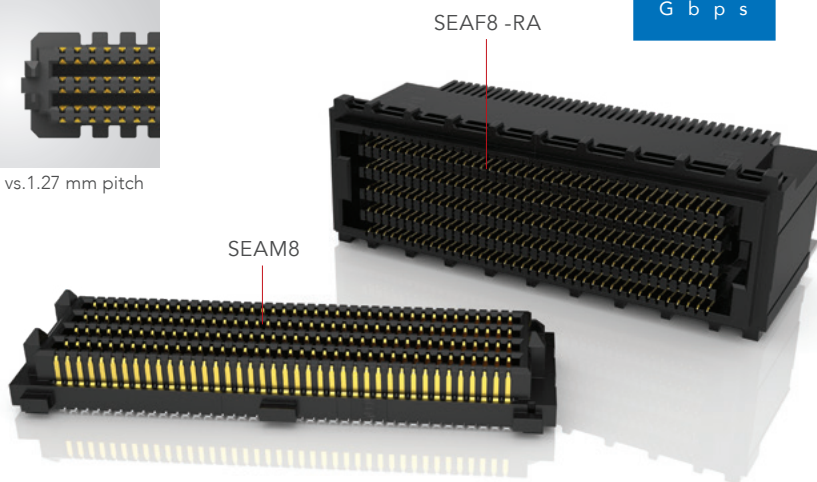
0.80 mm pitch vs. 1.27 mm pitch



Jack screws standoffs (JSO)



Ultra micro power (UMPT/UMPS)



System

- SEAM8 – 0.80 mm Pitch Array Terminal
- SEAF8 – 0.80 mm Pitch Array Socket
- SEAF8-RA – 0.80 mm Pitch Array Socket, Right-Angle
- ESCA – 0.80 mm Pitch Array Micro Coax Cable Assembly

For more High-Density Arrays and High-Speed Cable solutions, please visit samtec.com/arrays and samtec.com/cable