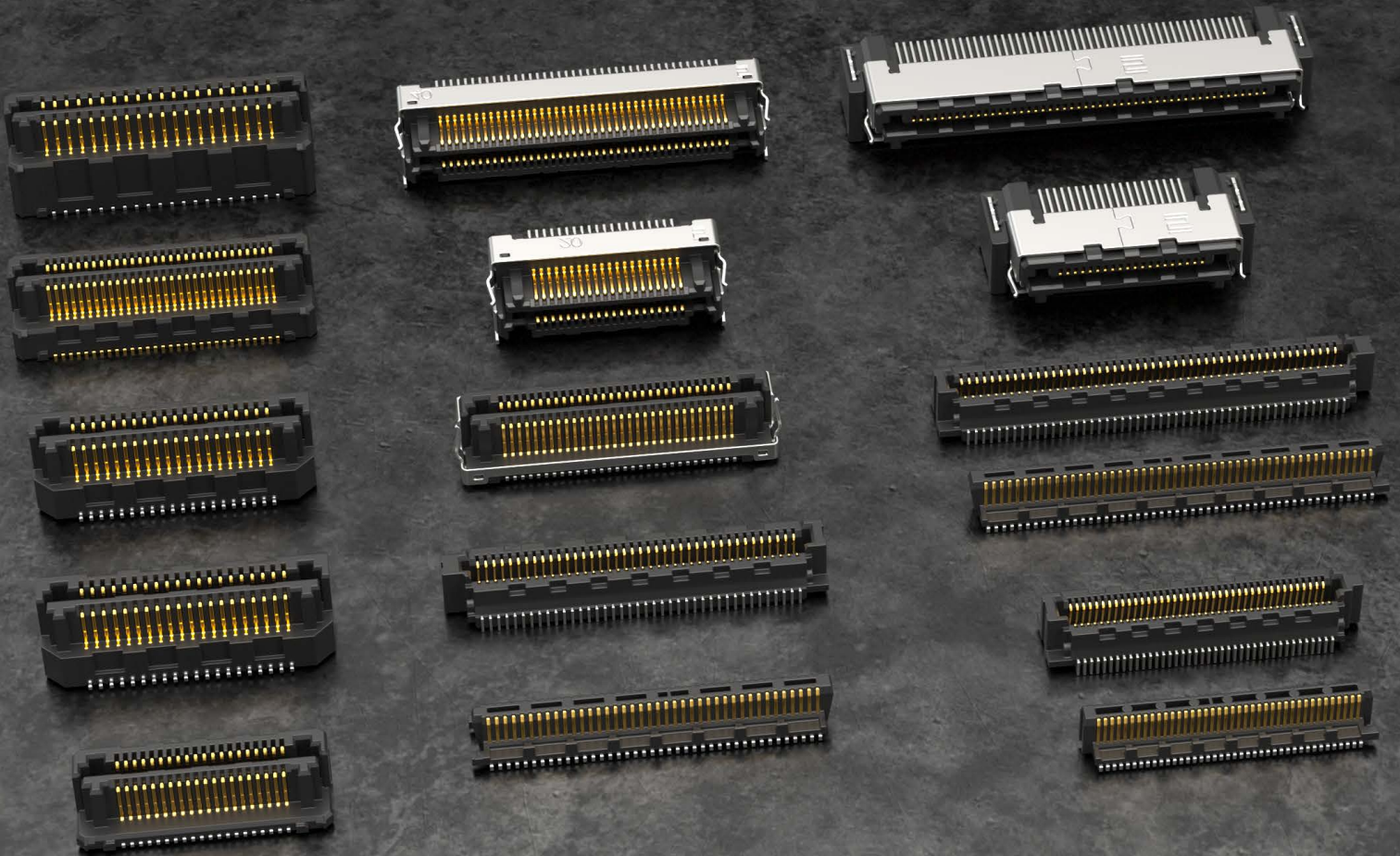
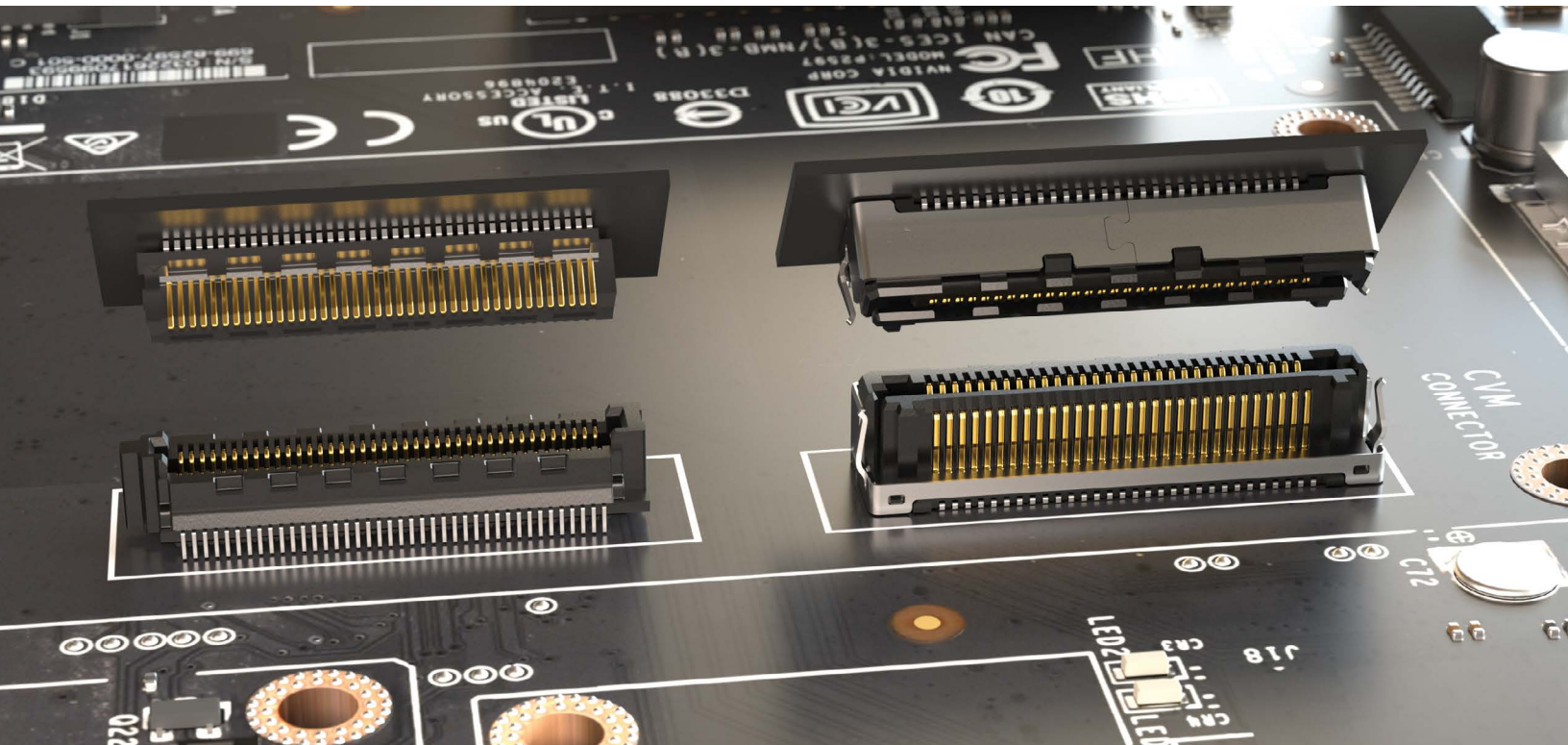




ULTRA MICRO INTERCONNECTS

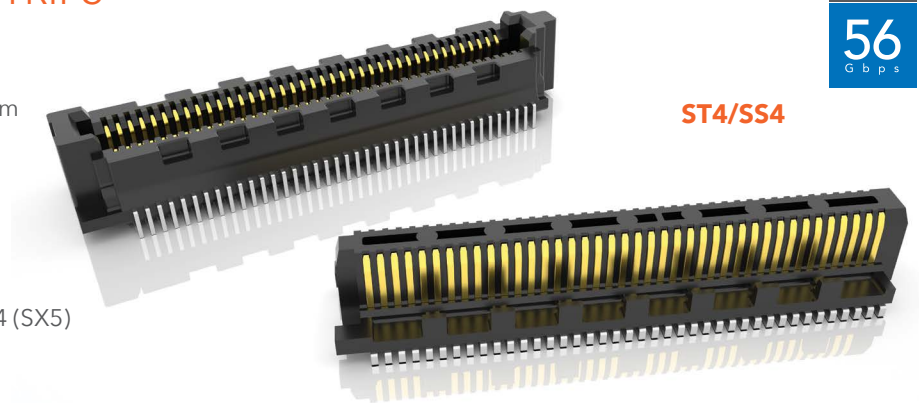


ULTRA MICRO INTERCONNECTS



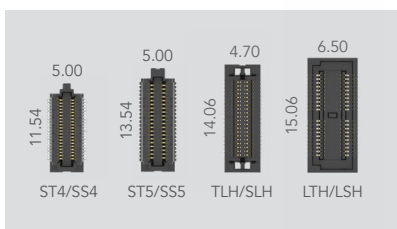
MICRO BLADE & BEAM STRIPS

- Ultra-fine 0.40 mm and 0.50 mm pitch
- Low profile stack heights from 2 to 6 mm
- Slim body designs for increased PCB space savings
- 20 - 160 positions
- Performance to 16 Gbps (LXH), 28 Gbps (SX4, XLH) and 56 Gbps PAM4 (SX5)
- SureWare™ precision board stacking standoffs available (SO)

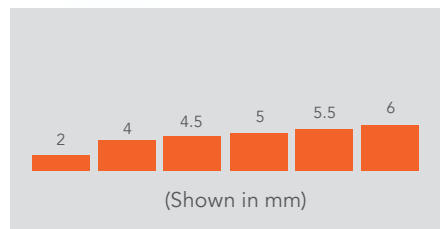


PAM4
56
Gbps

ST4/SS4



Slim body designs
(40 total positions each)



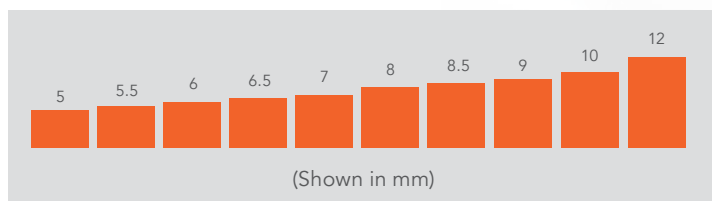
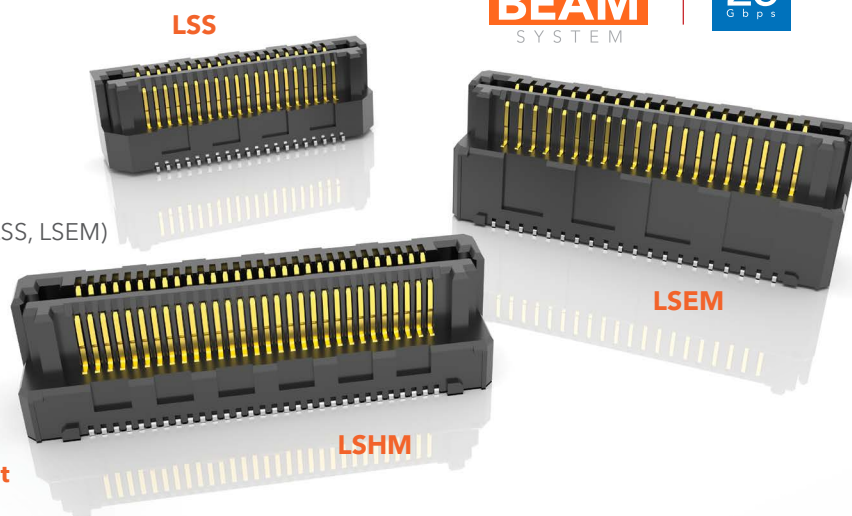
Ultra low stack height options for space savings

RUGGED HERMAPHRODITIC CONNECTORS

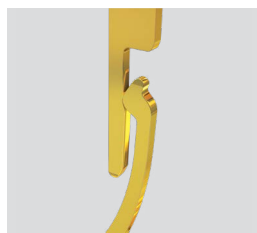
- Razor Beam™ contacts for high-speed and fine-pitch systems
- 0.50 mm, 0.635 mm and 0.80 mm pitch
- Ten stack height options from 5 mm to 12 mm
- 10 - 100 positions
- Performance to 14 Gbps (LSHM) and 25 Gbps (LSS, LSEM)
- Right-angle available for perpendicular and coplanar applications
- Mating and unmating forces approximately 4-6x greater than typical micro pitch connectors
- Severe Environment Testing qualified (LSHM); aligns with MIL-DTL-55302. Visit samtec.com/set

RAZOR™
BEAM
SYSTEM

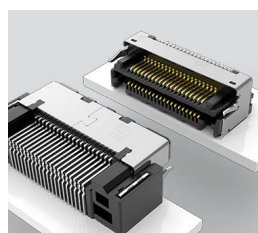
NRZ
25
G b p s



Variety of stack heights for greater design flexibility



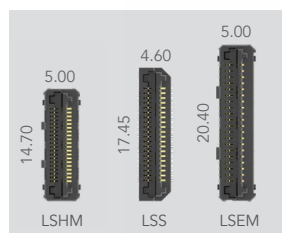
Razor Beam™ contacts for ultra low profile designs



Optional shielding for EMI protection (LSHM)



SureWare™ jack screw standoffs (JSO) assist with unmating



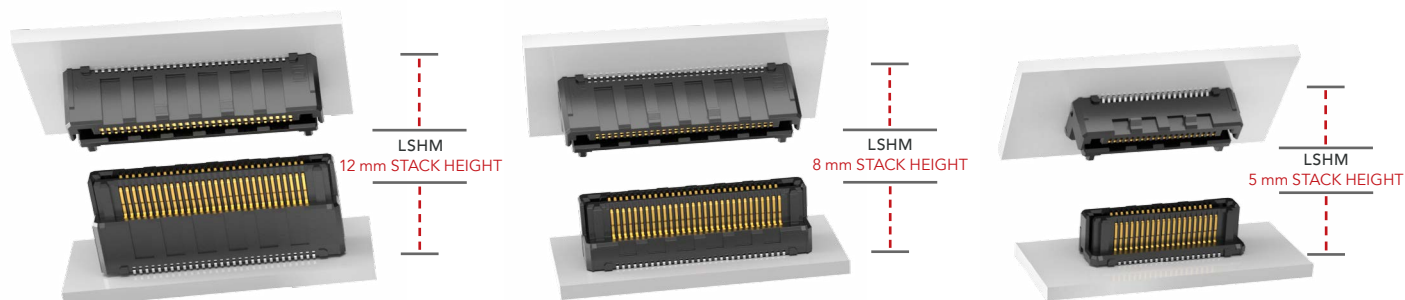
Slim body designs (40 total positions each)



High-speed cable mate available (HLCD)

SELF-MATING

Razor Beam™ self-mating connectors reduce inventory costs and can be interchanged for varying stack heights.





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