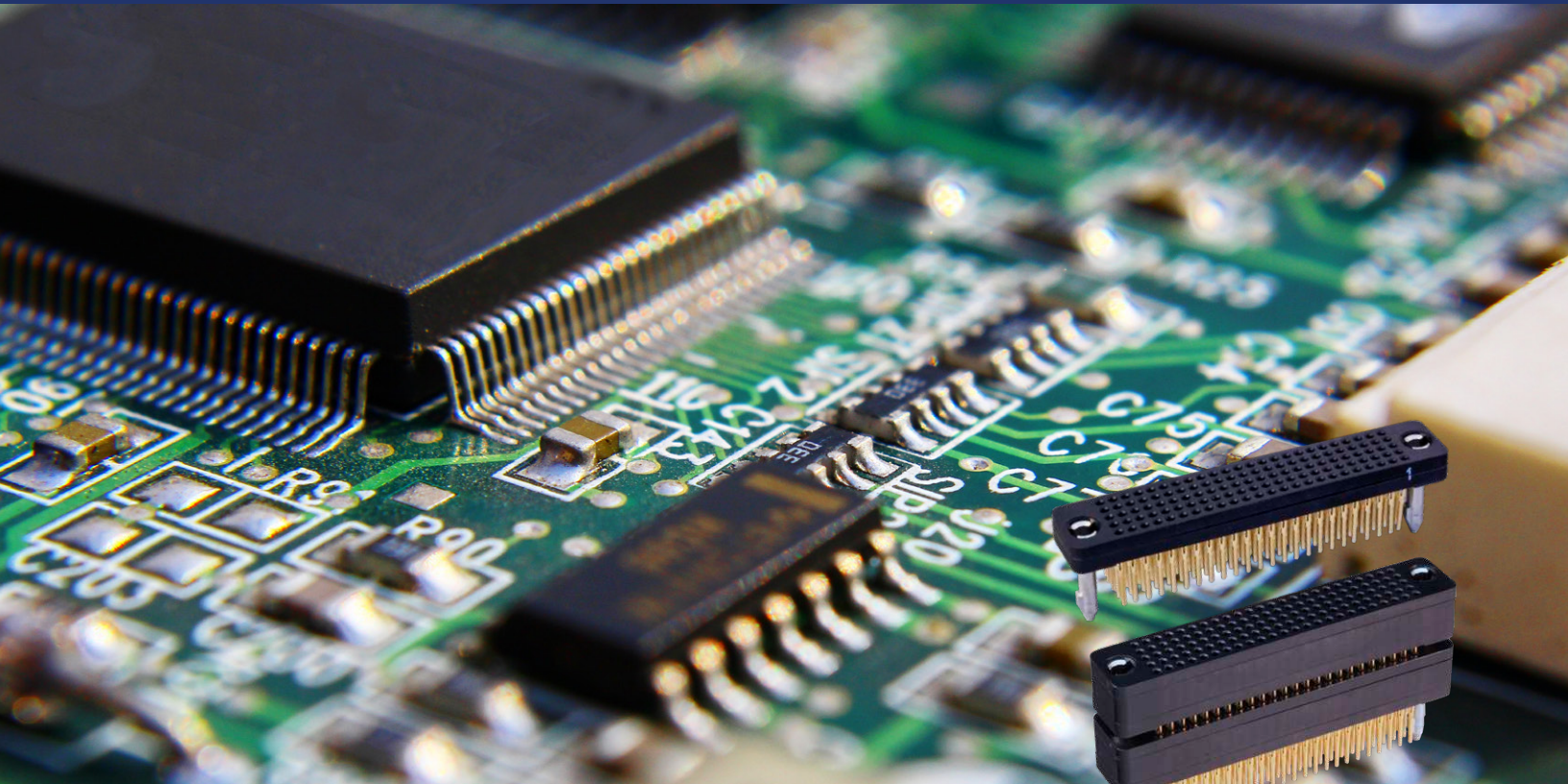


OPTIMIZED
FOR USE WITH

AEROSPACE-GRADE
SuperFlex[™]
PCB/FLEX CIRCUIT ASSEMBLIES

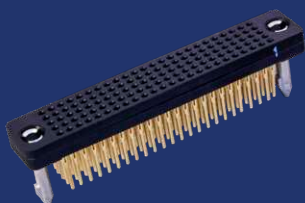
HD STACKER[™]

High-density, solder-free, compliant pin board-to-board stackable connectors

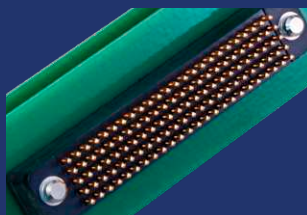


HD Stacker: the innovative mission-critical board-to-board connector with fail-safe signal integrity and rugged, reliable harsh-environment performance

- High-density .0625" pitch Chevron Contact System: 55% more contacts per connector size
- PCIe 3.0 capable
- Performance up to 10.5 Gbps
- Polarized insulator and hardware options
- Solder free "eye of the needle" compliant tail for press fit installation
- High-temp PPS insulator meets NASA outgassing requirements
- Available wired / flex jumpers
- Available between-board spacers up to 1 inch



Solder-free press-fit (compliant pin) board mounting



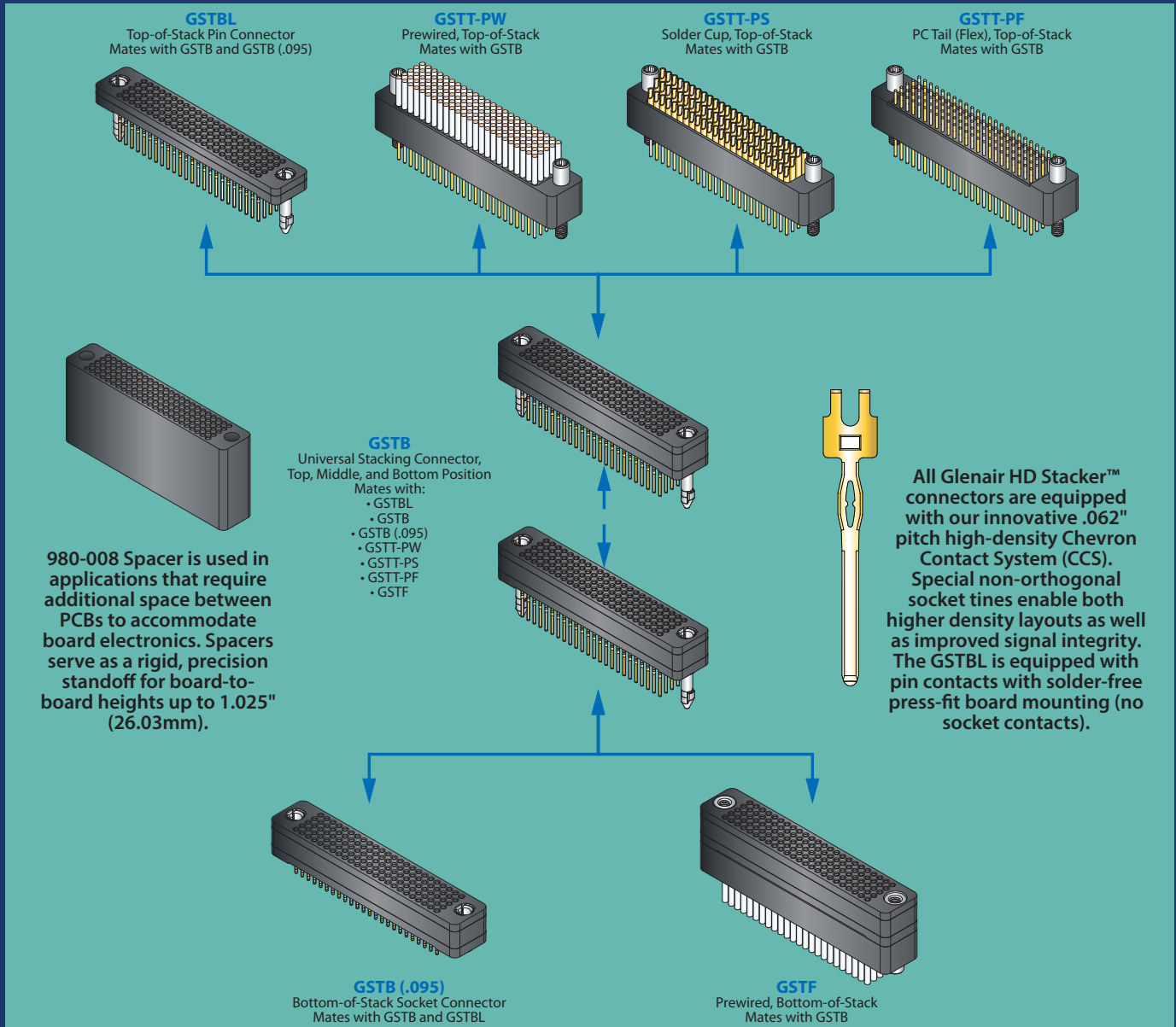
.0625" pitch contact spacing: highest available density



Polarized shells and keyed guide pin hardware prevent mis-mating

Rugged, solder-free compliant pin board-to-board stackable connectors

HD STACKER™ POSITION AND MATING COMPATIBILITY GUIDE



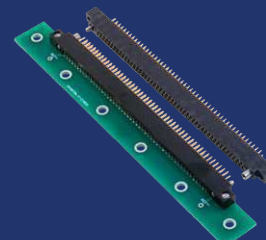
QUALIFICATION TESTING

IAW MIL-DTL-55302G:

- Contact engagement/separation
- Contact retention
- DWV
- Electrical resistance
- Mechanical vibration and shock
- Insulation resistance
- Thermal shock
- Contact resistance
- Humidity

High-frequency electrical performance tests were performed for: Insertion loss, return loss, crosstalk, and time domain performance metrics including impedance and eye pattern.

ALSO AVAILABLE: MIL-DTL-55302



Standard-density I/O-to-board and board-mount rectangular connectors for mission-critical aerospace applications. Contacts set on two rows with .100" centers.