

D-Sub Slimline

ULTRA SLIM D-SUB CONNECTORS

FCI Basics has expanded the D-Sub connectors with a modified ultra slim body with contact alignment in a single row. These are available both in SMT termination suitable for reflow soldering and solder tail version for standard wave soldering. These connectors also feature solderable retention pegs that absorb vibration.

- Ultra slim design saves space
- Automated assembly saves overall process costs
- Better co-planarity ensures higher quality
- Solderable retention pegs absorb vibration
- More seating area of contact surface ensures firm soldering



TARGET MARKETS



FEATURES

- Ultra slim design with single row contacts
- Larger seating area of contact surface to SMT PAD compared to other products
- Co-planarity can be controlled during assembly itself
- Solderable retention pegs
- Unique design for riveting clinch nut to shell with fool proof torque and electrical continuity
- Extra cover to hold contact firm to housing
- SMT connector comes in Tape & Reel packaging
- Mating interface follows DIN 41652 and MIL-C-24308 dimensional standards

BENEFITS

- Saves 66% of PCB board space
- Contact of size 0.45 x 1.4 with firm soldering support
- Ensures better product quality
- Absorb vibration
- Secured grounding
- Strong retention between housing and contact
- Support automated assembly and saves process time
- Intermateable with standard connectors

TECHNICAL INFORMATION

MATERIAL

- Insulator: LCP 30% GF
- Contact: Copper alloy
- Grounding Material: Brass

ELECTRICAL PERFORMANCE

- Maximum Current Rating: 5A for SMT version
- Contact Resistance: <25mΩ
- Rated Voltage: 300V.rms

MECHANICAL PERFORMANCE

- Retention Against Torque: 0.7NM min.
- Insulation Resistance: >5000mΩ
- Creepage & Clearance Length: >1mm

ENVIRONMENTAL

- Operating Temperature Range: -55°C to +125°C

APPROVALS & CERTIFICATION

- UL (pending)






SPECIFICATIONS

- Durability:
 - 500+ mating cycles for SMT version
 - 200 mating cycles for solder tail version

PACKAGING

- Tape & Reel for SMT version
- Tray for solder tail version

TARGET MARKETS/APPLICATIONS

-  Server Switches
-  Smart TV
Smart Meter
-  Router
Power Supply
-  Servo Drives
Controllers
-  Scanner
Ventilator

PART NUMBERS

Description	Part Numbers
9 pin Male R/A SMT Slimline, Harpoons, Standard hole, Tray	D09P71S6GA00LF
9 pin Male R/A SMT Slimline, Harpoons, Standard hole, Tape & Reel	D09P71S6GA12LF
9 pin Male R/A SMT Slimline, Harpoons, UNC 4-40 Threaded insert, Tape & Reel	D09P71S6GX12LF
9 pin Male R/A SMT Slimline, Harpoons, M3 Threaded insert, Tape & Reel	D09P71S6GL12LF
9 pin Male R/A Slimline solder tail, Harpoons, UNC 4-40 Threaded insert, Tray	D09P71T4GX198LF
9 pin Female R/A Slimline solder tail, Harpoons, UNC 4-40 Threaded insert, Tray	D09S71T4GX198LF