

Section Q

Series 171 MicroStrips™

Product Selection Guide



Product Selection Guide

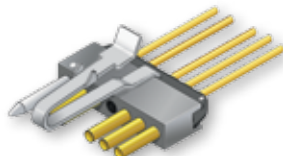
Solder Cup
MicroStrips™
171-001
Page Q-4



Single Row MicroStrips™ with Solder Cup Contacts

Solder cup contacts for termination to #24 to #30 solid or stranded wire. Available in 1 to 30 positions. High performance M83513 TwistPin contact system. Contacts are factory-installed, non-removable and are encapsulated with epoxy. 3 Amp, 600 Vac, -55C to +150C.

Solid Wire
MicroStrips™
171-002
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Single Row MicroStrips™ with Solid Wire

Factory-terminated to solid copper wire. Available in 1 to 30 positions. Optional pre-tinned leads or standard gold plated wire. High performance M83513 TwistPin contact system. Contacts are factory-installed, non-removable and are encapsulated with epoxy. 3 Amp, 600 Vac, -55C to +150C.

Pre-Wired
MicroStrips™
171-003
Page Q-7



Single Row MicroStrips™ with Insulated Stranded Wire

Factory-terminated to mil spec high-temperature wire, size #24 to #30. Available in 1 to 30 positions. High performance M83513 TwistPin contact system. Contacts are factory-installed, non-removable and are encapsulated with epoxy. 3 Amp, 600 Vac, -55C to +150C.

Right Angle PCB
.050" Spacing
171-004
Page Q-9



Single Row Right Angle PCB- .050" Board Spacing

Thru-hole mounting. Gold-plated .020" diameter right angle PC tails are on .050" centers for maximum density. Available in 1 to 30 positions. High performance M83513 TwistPin contact system. Contacts are factory-installed, non-removable and are encapsulated with epoxy. 3 Amp, 600 Vac, -55C to +150C.

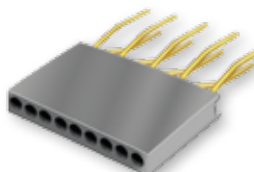
Right Angle PCB
Staggered
171-005, 171-006
Page Q-9



Right Angle PCB- Staggered

Thru-hole mounting. Gold-plated .020" diameter right angle PC tails are on staggered .050" or .100" spacing between rows. Available in 1 to 30 positions. High performance M83513 TwistPin contact system. Contacts are factory-installed, non-removable and are encapsulated with epoxy. 3 Amp, 600 Vac, -55C to +150C.

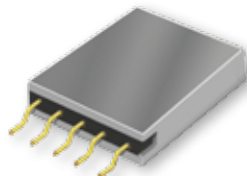
Vertical Mount
PCB Headers
171-007
Page Q-9



Single Row Vertical PCB

Thru-hole mounting. Gold-plated .020" diameter PC tails are spread to .100" by .100" centers for easy placement. Available in 1 to 30 positions. High performance M83513 TwistPin contact system. Contacts are factory-installed, non-removable and are encapsulated with epoxy. 3 Amp, 600 Vac, -55C to +150C.

Surface Mount
171-008
Page Q-13



Surface Mount PCB- .050" Board Spacing

.013" diameter tails are formed to allow soldering to the surface of a PC board or flex circuit. Tails are solder-dipped in 63/37 tin-lead. Available in 1 to 30 positions. High performance M83513 TwistPin contact system. Contacts are factory-installed, non-removable and are encapsulated with epoxy. 3 Amp, 600 Vac, -55C to +150C.

Single Row Back-to-Back
MicroStrips™
171-009
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Single Row Back-to-Back MicroStrips™

These .050" pitch single row surface mount microstrips are available with 1 to 30 contacts. Optional guide pins provide circuit polarization. Contacts are TwistPin type and are gold-plated. Housing is molded LCP thermoplastic. Suitable for high-reliability applications where long-term resistance to fretting corrosion is a necessity. 3 A., 600 Vac, -55C to +150C.