

**Section Q**  
**Series 171 MicroStrips™**  
**Product Selection Guide**



**Product Selection Guide**

Solder Cup  
MicroStrips™  
171-001  
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**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  
Page Q-6



**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  
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**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.

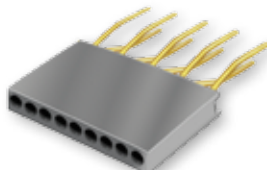
Right Angle PCB  
Staggered  
171-005, 171-006  
Page Q-9



**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.

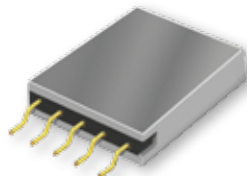
Vertical Mount  
PCB Headers  
171-007  
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**Single Row Vertical PCB**

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  
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**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.

