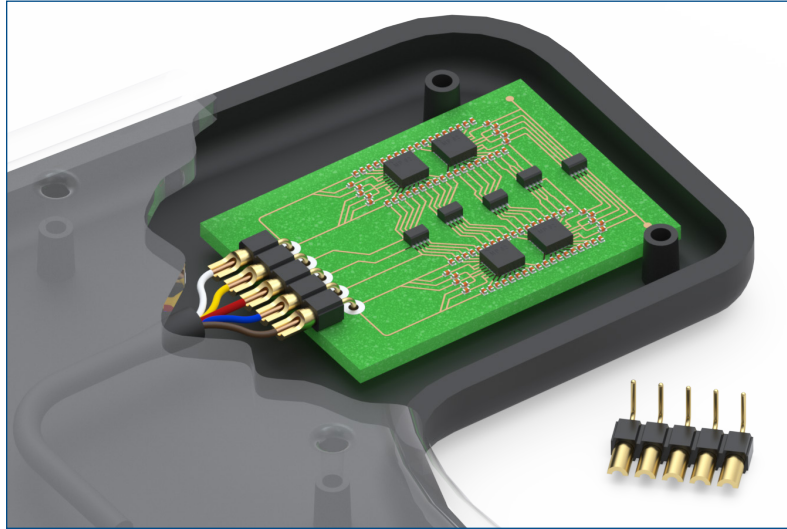


MAXIMUM SOLUTIONS

Right Angle Solder Cup Headers



Mill-Max is proud to announce a new, right angle solder cup header to simplify wire to board terminations. These solder cup headers expedite the soldering process and reduce overall assembly height by eliminating the need to bend wires or cables for in-line connections.

The new 380-10-1XX-10-003000 right angle headers are ideal for situations where space is limited, and wires cannot be easily manipulated. The solder cups are uniformly aligned to facilitate efficient soldering, especially useful for terminating cables, and can accept up to 22 AWG stranded wire. Rotation limiting features built into the insulator and pins keep solder cups and right-angle tails in place during soldering and termination processes.

These are single row connectors with .100" (2,54 mm) pin spacing and .020" (.51 mm) diameter tails suitable for mating with a variety of sockets or terminating directly to a P.C.B. They deliver an above-board profile of .100" (2,54 mm) when soldered directly to the circuit board and when mated with Mill-Max low profile board mounted sockets 315-XX-1XX-41-003000 a total interconnect height of .175" (4,45 mm) is achieved. They can also mate with Mill-Max standard solder cup sockets 329-XX-1XX-41-540000 for use in wire termination applications such as cable assemblies. The insulator material is high temperature PCT polyester with an HDT of 230° C to withstand most soldering processes.

The solder cup pins are precision turned from brass alloy and are plated with 10 u" gold providing interconnect reliability, corrosion protection and wear resistance. Connectors are available from 1-64 positions.

For more information, please visit www.mill-max.com/PR687.

(8/18 - PR687)

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INTERCONNECTS

SERIES 380 • .100" GRID, LOW PROFILE RIGHT ANGLE SOLDER CUP HEADERS • SINGLE ROW STRIPS

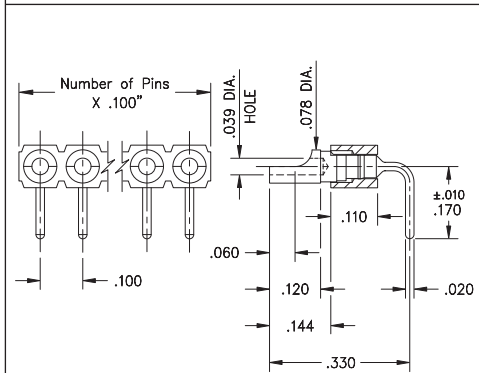
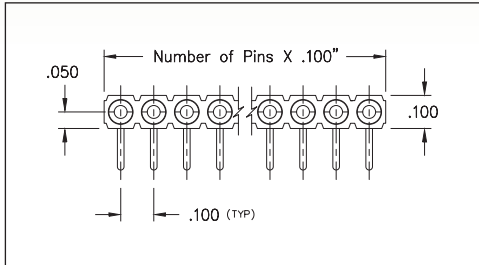
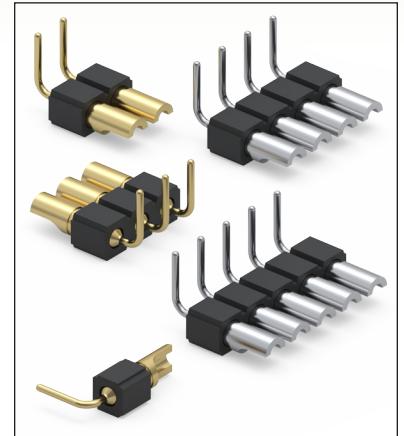


FIG. 1

- Series 380 right angle solder cup headers for low profile wire termination applications
- .020" diameter pins are suitable for mating with standard sockets or for through-hole soldering to the P.C.B.
- Connectors feature uniformly aligned solder cups and anti-rotation construction to facilitate efficient soldering
- Accepts up to 22 AWG Stranded wire
- Insulators are high temperature thermoplastic, suitable for all soldering operations



ORDERING INFORMATION

FIG. 1	Series 380...003	Single Row R/A Solder Cup Header
	380-XX-1-10-003000	
	Specify number of pins	01-64



XX=Plating Code
See Below

For
Electrical, Mechanical
& Environmental Data,
See page 264

SPECIFY PLATING CODE XX=	10 ◆	40 ◆
Pin Plating	10 μ" Au	200 μ" Sn

