

# MAX solutions

## MILL-MAX SOLDER CUP INTERCONNECTS



Mill-Max offers a quick and efficient method to terminate discrete wires into a pluggable interconnect with our Solder Cup Headers and mating Socket Connectors. They provide a convenient pluggable, reliable path between your wired applications.

Manufactured using precision-machined brass alloy and beryllium copper contact clips, then assembled in high temperature thermoplastic, these sockets offer a gas-tight connection when mated with Mill-Max Solder Cup Header pins.

For your convenience, the solder cups are pre-aligned in the connectors to enable easy soldering to wires.

These are available in single and double rows up to 64 pins.

Please contact our design engineers at 516-922-6000 or email [techsupport@mill-max.com](mailto:techsupport@mill-max.com) to discuss your individual needs.

(5/08 -- 588)

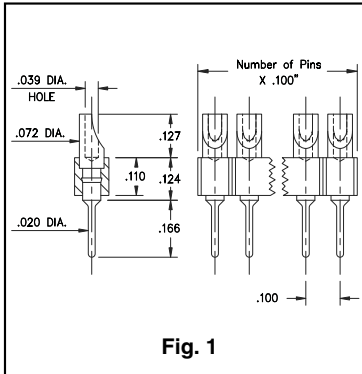
Mill-Max Mfg. Corp. • 190 Pine Hollow Road, Oyster Bay, NY 11771-0300  
516-922-6000 • Fax: 516-922-9253 • [www.mill-max.com](http://www.mill-max.com)





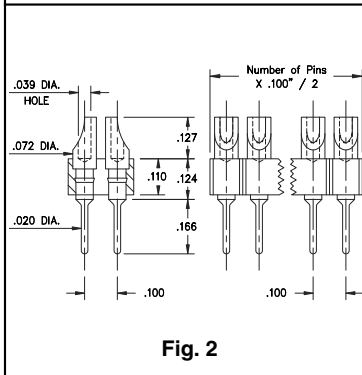
## INTERCONNECTS Solder Cup Headers and Sockets Single and Double Row

Series 329, 380,  
429, 480



**Fig. 1**

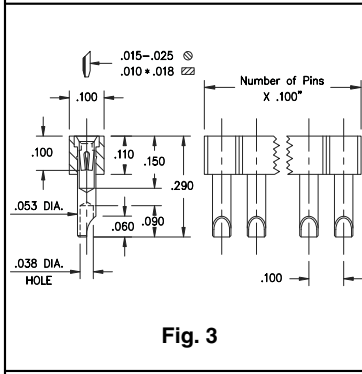
- Series 380 & 480 use M-M #8000 pins. See page 174 for details.
- Series 329 & 429 use M-M #2954 pin receptacles and accept pin diameters from .015"-.025". See page 140 for details.
- Series 329 & 429 receptacles use Hi-Rel, 4 finger #30 contacts rated at 3 amps. See page 208 for details.
- Solder cups are pre-aligned.



**Fig. 2**

### Ordering Information

<b>Fig. 1</b>	<b>Series 380...001</b>	<b>Solder Cup / Solder Tail</b>
	380-XX-1 __ -00-001000	Specify # of pins → 01-64
<b>Fig. 2</b>	<b>Series 480...001</b>	<b>Solder Cup / Solder Tail</b>
	480-XX-2 __ -00-001000	Specify # of pins → 02-64



**Fig. 3**

RoHS  
2002/95/EC

XX= Plating Code  
See Below

For RoHS compliance, select ◇ plating code.  
For the gold option (XX=10) also change part number from X80-XX-XXX-00-001000 to X80-10-XXX-00-001100

SPECIFY PLATING CODE XX=	10 <span style="color: green;">◇</span>	90 <span style="color: green;">◇</span>	40 <span style="color: green;">◇</span>	
Pin Plating	10μ" Au	200μ" Sn/Pb	200μ" Sn	

<b>Fig. 3</b>	<b>Series 329...540</b>	<b>Solder Cup Sockets</b>
	329-XX-1 __ -41-540000	Specify # of pins → 01-64
<b>Fig. 4</b>	<b>Series 429...540</b>	<b>Solder Cup Sockets</b>
	429-XX-2 __ -41-540000	Specify # of pins → 02-64

RoHS  
2002/95/EC

XX= Plating Code  
See Below

For RoHS compliance, select ◇ plating code.  
For the gold option (XX=13) also change part number from X29-XX-XXX-41-540000 to X29-13-XXX-41-540100

SPECIFY PLATING CODE XX=	13 <span style="color: green;">◇</span>	93	43 <span style="color: green;">◇</span>	
Sleeve (Pin)	10μ" Au	200μ" Sn/Pb	200μ" Sn	
Contact (Clip)	30μ" Au	30μ" Au	30μ" Au	