

# MAX solutions

## VERSATILE SOCKET INTERCONNECTS FOR .025 DIA. AND .025 SQUARE PINS SINGLE AND DOUBLE ROWS

**Do the math:** A .025 pin diameter is smaller than the equivalent pin diameter circumscribed around a .025 square post. Which socket interconnect should you reach for? A socket for the .025 square post? A socket for the .025 diameter pin? Adding up all the possible variables, the sum of the solutions is simple:



### ONE MILL-MAX VERSATILE SOCKET

Mill-Max Versatile Socket Receptacles are precision-machined from brass alloy and assembled with our #16 contact -- six-finger contact clips designed to accept mated pin ranges from .022 to .034 diameter and .025 square posts. The Mill-Max #16 contact clip is rated at 4.5 amps per position.

For the ultimate in flexibility and convenience, Mill-Max has the solution for you. Visit us at [www.mill-max.com](http://www.mill-max.com). Click on "Design Guide" and review page 81.1. Our design engineers are available to assist with your application. Contact them at [techsupport@mill-max.com](mailto:techsupport@mill-max.com).

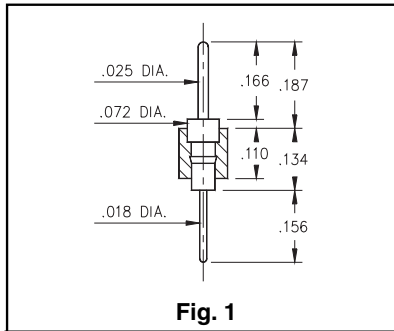
Mill-Max Mfg. Corp. • 190 Pine Hollow Road, Oyster Bay, NY 11771-0300  
516-922-6000 • Fax: 516-922-9253 • [www.mill-max.com](http://www.mill-max.com)





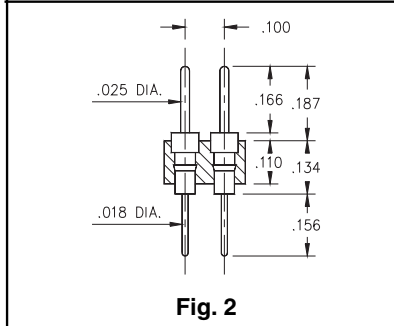
**INTERCONNECTS**  
**.025" dia. Low Profile Pins & Versatile Sockets**  
**Single and Double Row**

Series 350, 450  
801, 803



**Fig. 1**

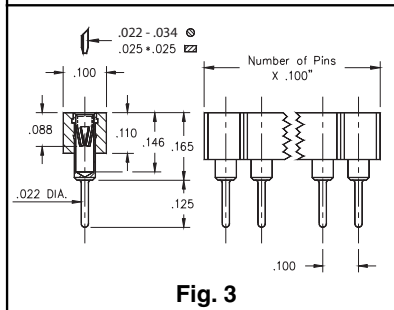
- Pin headers use MM# 0290 pins. (See page 173 for details)
- Low profile sockets use MM# 1303 pins. (See page 148 for details)
- Receptacles accept .022"-.034" diameters and .025" square pins.
- Receptacles use Hi-Rel, 6 finger #16 contact rated at 4.5 amps. (See page 210 for details)



**Fig. 2**

**Ordering Information**

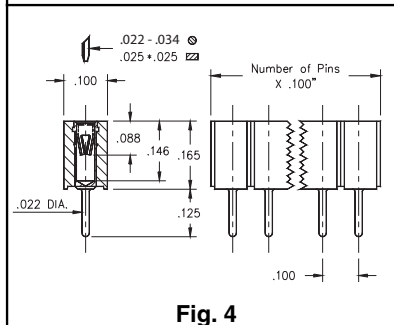
<b>Fig. 1</b>	<b>Single Row</b>	<b>.025 Pin / .018 Solder Tail</b>
	350-XX-0__-00-001000 Specify # of pins → 01-64	
<b>Fig. 2</b>	<b>Double Row</b>	<b>.025 Pin / .018 Solder Tail</b>
	450-XX-0__-00-001000 Specify # of pins → 02-64	



**Fig. 3**

XX= Plating Code  
See Below
For RoHS compliance, select ◇ plating code. For the gold option (XX=10) also change part number from X50-XX-0XX-00-001000 to X50-10-0XX-00-001100

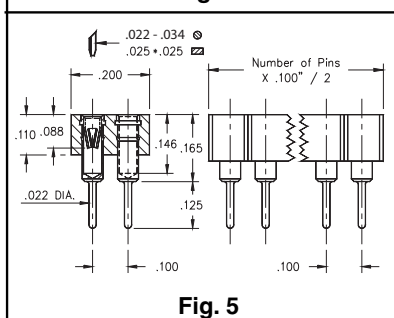
SPECIFY PLATING CODE XX=	<span style="color: green;">10</span> ◇	<b>90</b>	<span style="color: green;">40</span> ◇	
Pin Plating	10μ" Au	200μ" Sn/Pb	200μ" Sn	



**Fig. 4**

<b>Fig. 3</b>	<b>Single Row Low Profile Socket (short insulator)</b>
	801-XX-0__-10-003000 Specify # of pins → 01-64

<b>Fig. 4</b>	<b>Single Row Low Profile Socket (long insulator)</b>
	801-XX-0__-10-013000 Specify # of pins → 01-36



**Fig. 5**

<b>Fig. 5</b>	<b>Double Row Low Profile Socket</b>
	803-XX-0__-10-003000 Specify # of pins → 02-72

XX= Plating Code  
See Below
For RoHS compliance, select ◇ plating code. For the all gold option (XX=13) also change part number from 80X-XX-0XX-10-0X3000 to 80X-13-0XX-10-0X3100

SPECIFY PLATING CODE XX=	<span style="color: green;">13</span> ◇	<b>93</b>	<b>99</b>	<span style="color: green;">43</span> ◇	<span style="color: green;">44</span> ◇
Sleeve (Pin)	10μ" Au	200μ" Sn/Pb	200μ" Sn/Pb	200μ" Sn	200μ" Sn
Contact (Clip)	30μ" Au	30μ" Au	200μ" Sn/Pb	30μ" Au	200μ" Sn