

MAXIMUM SOLUTIONS

Mill-Max SMT Headers with .030" (0,76mm) Diameter Pins



Mill-Max has added a heavier gauge option to our line of SMT interconnect headers with the introduction of two new connectors. Our latest SMT male pin header strips feature sturdy .030" (0,76mm) diameter pin tails which plug easily into a variety of standard Mill-Max mating socket strips. The mating sockets are available in through-hole, right-angle and SMT configurations. These header and socket combinations are rated at 4.5 amps per pin for a 10° C temperature rise above ambient.

The headers feature a round stub-tail termination providing the benefit of a reduced solder footprint inside the package outline. The .008" floating pin design compensates for the peaks and valleys found in uneven solder paste application on the board surface, promoting good solder joints. The .030" (0,76mm) diameter pins provide extra strength for applications where there is the potential for rough handling, such as for field service repairs or blind mating situations.

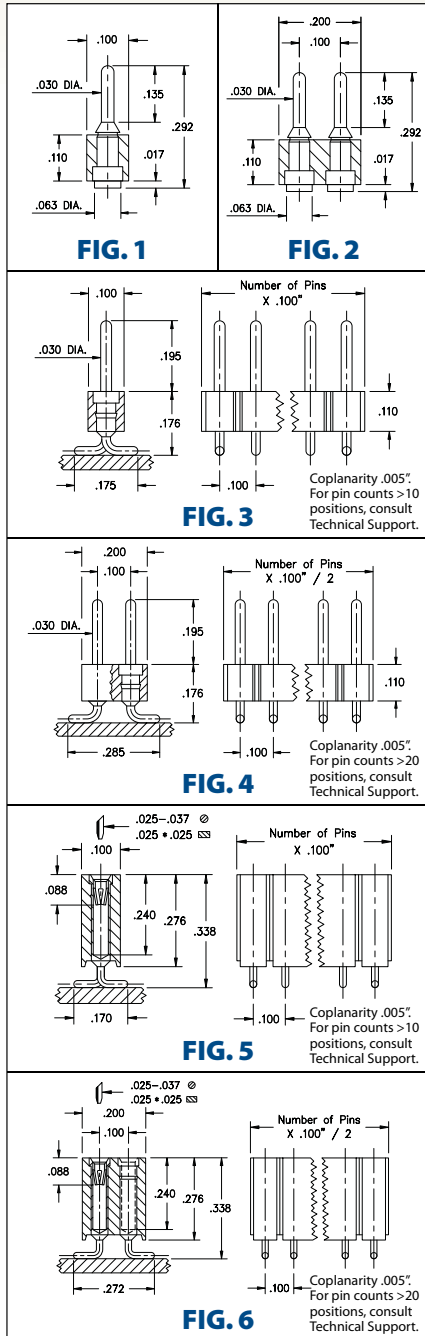
With gold-plated pins assembled in high temperature thermoplastic, these headers are suitable for all SMT soldering operations and provide a highly reliable and durable connection. The headers are available in single row, series [349-10-1XX-00-560000](#), (2-64 positions) or double row series [449-10-2XX-00-560000](#) (4-64 positions: 2x2 – 2x32.)

For more information, please visit: www.mill-max.com/PR634.

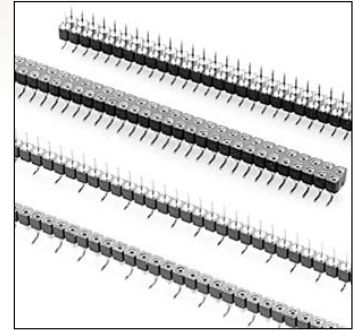
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INTERCONNECTS

SERIES 349, 449, 800, 801, 802, 803 • .100" GRID (.030" DIA. PINS), SURFACE MOUNT HEADERS & SOCKETS • SINGLE AND DOUBLE ROW STRIPS



- Series 349 & 449 use MM #4956-1 pins. See page 218 for details
- Series 800 & 802 use MM #7007 pins. See page 215 for details
- Series 801 & 803 use MM #1304 receptacles and accept pin diameters from .025"-.037" and .025" square pins. See page 177 for details
- Receptacles use Hi-Rel, 6-finger BeCu #47 contact rated at 4.5 amps. See page 256 for details
- Insulators are high temperature thermoplastic, suitable for all soldering operations



ORDERING INFORMATION

FIG. 1	Series 349...560 Single Row Surface Mount Header
	349-10-1__-00-560000 Specify number of pins 02-64
FIG. 2	Series 449...560 Double Row Surface Mount Header
	449-10-2__-00-560000 Specify number of pins 04-64
FIG. 3	Series 800...001 Single Row Surface Mount Header
	800-10-0__-30-001000 Specify number of pins 03-64
FIG. 4	Series 802...001 Double Row Surface Mount Header
	802-10-0__-30-001000 Specify number of pins 04-72
SPECIFY PLATING CODE XX= 10	
Pin Plating 10 μ" Au	
FIG. 5	Series 801...001 Single Row Surface Mount Socket
	801-43-0__-30-001000 Specify number of pins 03-50
FIG. 6	Series 803...001 Double Row Surface Mount Socket
	803-XX-__-30-001000 Specify number of pins 004-100
SPECIFY PLATING CODE XX= 93 43	
Sleeve (Pin) 200 μ" Sn/Pb 200 μ" Sn	
Contact (Clip) 30 μ" Au 30 μ" Au	