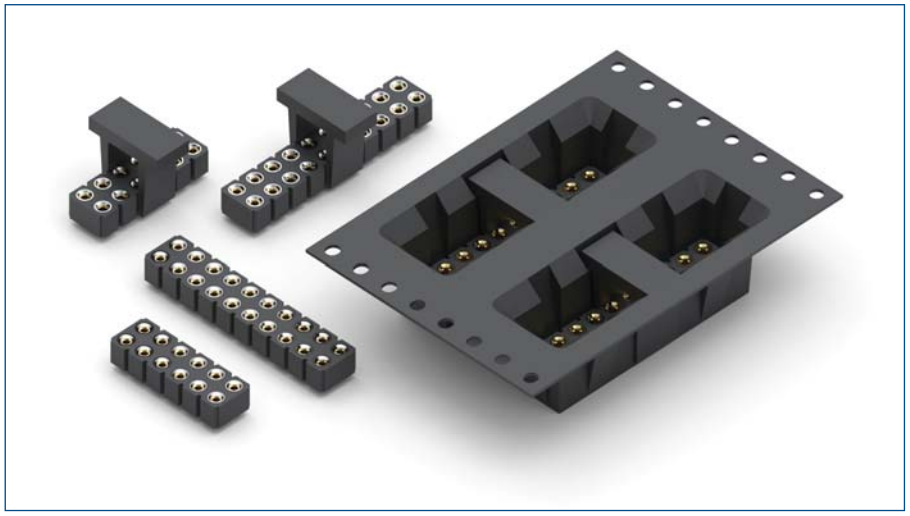
MAXIMUM SOLUTIONS

Mill-Max's Highly Reliable, Precision-Machined Double Row SMT Sockets Packaged on Tape and Reel



The new 406 series SMT socket strip from Mill-Max is ideal for socketing leaded IC devices on SMT boards and for low profile board stacking applications. The connector is dual row, .100" (2,54 mm) pitch, accepts standard IC leads and when used in combination with SMT or through-hole headers, provides a reliable interconnect solution. It offers a low-profile height of 0.146" (3,71mm) from the board surface and, when mated with a Mill-Max 429 Series SMT header, provides a board-to-board height of 0.300" (7,62mm). Secure mating is established and maintained by four-finger contacts inside each precision-machined receptacle body.

The pin base of 406 Series sockets is only 0.029" (0,74mm) in diameter, allowing for a small PCB pad size and more space for routing traces. A co-planarity of 0.005" (0,13mm) is achieved for up to 20 positions, and standard designs are available in 4- to 20-position configurations. These sockets are manufactured with high-temperature insulators and are compatible with all SMT soldering techniques, including RoHS-compliant environments. The connectors are packaged 335 pieces per 13" reel and fitted with a vacuum pick-up cap for enhanced accuracy and efficiency during pick-and-place assembly manufacturing.

For more information on the 406 Series and the complete line of precision-machined interconnects from Mill-Max, please visit: www.mill-max.com/PR642.

(10/13 -- PR642)

Mill-Max Mfg. Corp. • 190 Pine Hollow Road, Oyster Bay, NY 11771
516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

MILL-MAX®

SERIES 329, 340, 406, 414, 429 • .100" GRID SURFACE MOUNT HEADERS AND SOCKETS • SINGLE AND DOUBLE ROW STRIPS

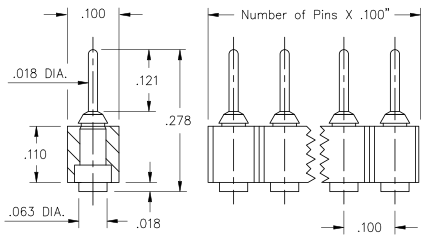


FIG. 1

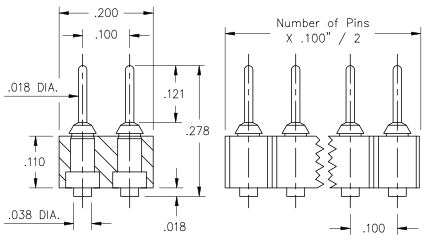


FIG. 2

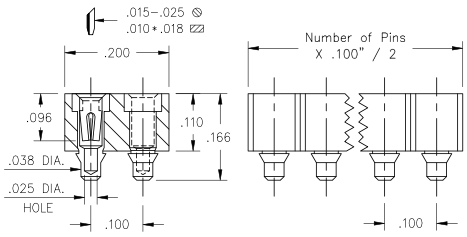
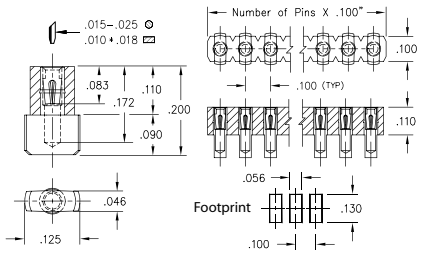


FIG. 3



Coplanarity .005". For pin counts >24 positions, consult Technical Support.

FIG. 4

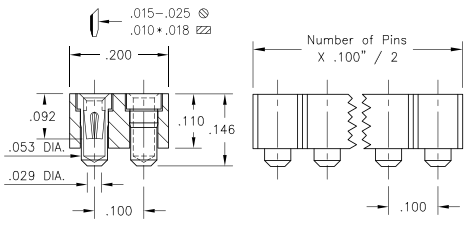
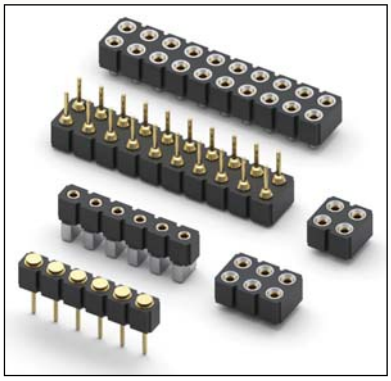


FIG. 5

- Series 329 and 429 pin interconnects feature space saving, pad style SMT termination using MM #2956-X pins. See page 218 for details
- Series 429 and 414 combine for a mated height of .323"
- Series 340, 406 and 414 surface mount sockets use MM #4078, #0668 and #1434 receptacles. See pages 162, 164 and 167 for details
- Series 340, 406 and 414 receptacles use Hi-Rel, 4-finger BeCu #30 contacts rated at 3 amps. Receptacles accept .015"-.025" diameter pins See page 253 for details
- Insulators are high temperature thermoplastic, suitable for all soldering operations



ORDERING INFORMATION

FIG. 1	**Series 329...560** Single Row Surface Mount Pin Header				
	329-10-1__-00-560000				
	Specify number of pins 02-64				
FIG. 2	**Series 429...560** Double Row Surface Mount Pin Header				
	429-10-2__-00-560000				
	Specify number of pins 04-72				
SPECIFY PLATING CODE XX=	10 ◆				
Pin Plating	10 µ" Au				
FIG. 3	**Series 414...117** Double Row Surface Mount Socket				
	414-XX-2__-41-117000				
	Specify number of pins 04-72				
FIG. 4	**Series 340...780** Single Row Surface Mount Socket				
	340-XX-1__-30-780100				
	Specify number of pins 02-64				
FIG. 5	**Series 406...068** Double Row Surface Mount Socket				
	406-43-2__-30-068000				
	Specify number of pins 04-20				
	Tape and Reel Packaging				
	Ordering Information: 406-43-2XX-30-068001				
	Available on 44mm wide tape, 355 parts per 13" reel				

RoHS-2 2011/65/EU

XX=Plating Code See Below

For Electrical, Mechanical & Enviromental Data, See page 264

SPECIFY PLATING CODE XX=				99	41 ◆	43 ◆	44 ◆
Sleeve (Pin)				200 µ"Sn/Pb	200 µ"Sn	200 µ"Sn	200 µ"Sn
Contact (Clip)				100 µ"Sn/Pb	10 µ"Au	30 µ"Au	100 µ"Sn

MILL-MAX *Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com*

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Headers & Wire Housings ***category:***

Click to view products by Mill-Max ***manufacturer:***

Other Similar products are found below :

892-18-020-10-001101 58102-G61-06LF 582553-1 0009485154 009176003701906 0050291907 LY20-4P-DT1-P1E-BR 02.125.8002.8 609-3404 61062-3 622-0430 622-3653LF 63453-116 636-1030 636-1427 636-3427 636-4007 641938-9 641991-4 644827-2 65817-010LF 65817-015LF 65863-015LF 66207-023LF 67095-007LF 67601157 68648-049 70.362.1628.0 70-4210 70-4226B 70-4853B 707-5020 707-5028 71.350.2428.0 71918-208LF 71961-016LF 733-134 733-162 754199-000 760-3052 787-8014-00 79531-3000 FCN-360C032-B FCN-367T-T012/H FCN-723D010/2 80.063.4001.1 800-90-001-10-001000 800-90-010-10-002000 801-43-002-10-013000 801-43-006-10-002000