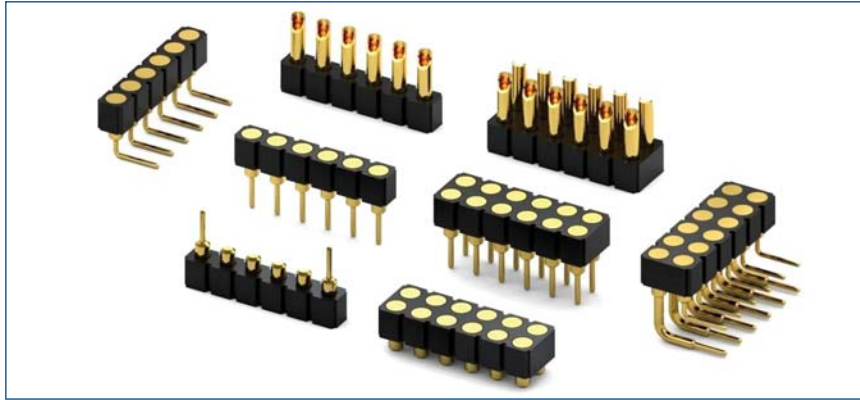


MAXIMUM SOLUTIONS

Mill-Max Target Connectors for Spring Pins Hit the Mark



Mill-Max Target Connectors provide a convenient mating surface to connect with Mill-Max spring pins. They can be utilized in any spring pin application requiring conductive lands. Examples are: board stacking, elevated circuits or recharging applications.

Mill-Max precision-machined pins are plated with 10 micro inches hard gold and assembled in high temperature PCT thermoplastic.

The large .070" diameter target pin face is a convenient, easy-to-hit target for .042" diameter plungers, common to Mill-Max spring pins.

In non-standard applications, modifying a Mill-Max Target Connector is a much more cost-effective approach than modifying its complex, multi-part spring pin mate. For more information, visit www.mill-max.com/PR587.

We offer our spring-loaded connectors in a variety of families of single and double row strip assemblies for .50" or .100" mounting grids – low and high profile surface mount styles are available on carrier tape and through-hole style for manual placement. We also offer a choice of 50+ discrete spring-loaded contacts for use in customer specific assemblies. Ask for datasheet PR561 for details on our spring-loaded parts.

For expert assistance with your specific application, please contact our engineers at techsupport@mill-max.com, or call 516-922-6000.

(5/14 -- PR587)

Mill-Max Mfg. Corp. • 190 Pine Hollow Road, Oyster Bay, NY 11771
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SPRING-LOADED CONNECTORS

SERIES 319, 330, 399 • .100" GRID TARGET CONNECTORS FOR SPRING-LOADED ASSEMBLIES • SINGLE ROW STRIPS

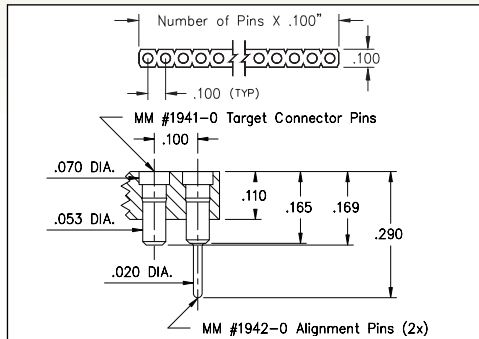


FIG. 1

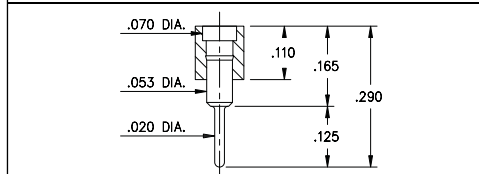


FIG. 2

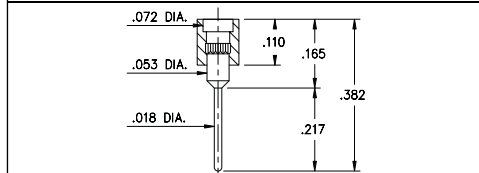


FIG. 3

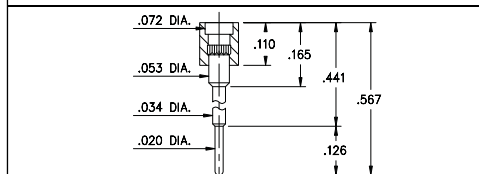


FIG. 4

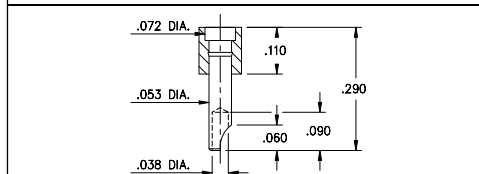


FIG. 5

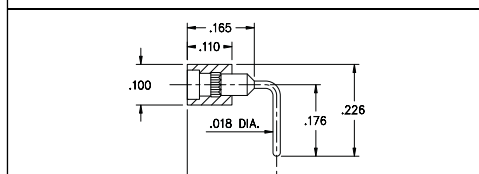
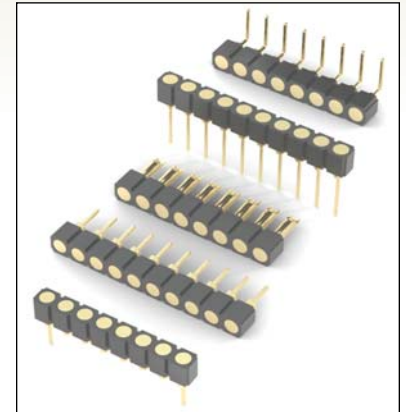


FIG. 6

- Series 319, 330 and 399 Spring Target Connectors, supplied in single row strips
- Spring Target Connectors present a large flat surface for making contact with our standard .042" dia. spring pin plungers. The target connectors provide an excellent gold-plated conductive path back to the board mounted spring pin connector
- Target connectors use MM #1938, #1940, #1941, #1942 and #3024 pins. See page 218 for details
- Insulators are high temperature thermoplastic



ORDERING INFORMATION

FIG. 1	Series 319...041	Surface Mount w/ Alignments Pins
	319-10-1	-30-041000 Specify number of pins 03-64
FIG. 2	Series 319...001	Standard Solder Tails
	319-10-1	-00-001000 Specify number of pins 01-64
FIG. 3	Series 319...002	Long Solder Tails
	319-10-1	-00-002000 Specify number of pins 01-64
FIG. 4	Series 319...005	Elevated with Solder Tails
	319-10-1	-00-005000 Specify number of pins 01-64
FIG. 5	Series 330...240	Solder Cups
	330-10-1	-00-240000 Specify number of pins 01-64
FIG. 6	Series 399...008	Right Angle Solder Tails
	399-10-1	-10-008000 Specify number of pins 01-64
RoHS-2 2011/65/EU XX=Plating Code See Below For Electrical, Mechanical & Environmental Data, See page 264		
SPECIFY PLATING CODE XX=		
Pin Plating	10 μ Au	



SPRING-LOADED CONNECTORS

SERIES 419, 430, 499 • .100" GRID TARGET CONNECTORS FOR SPRING-LOADED ASSEMBLIES • DOUBLE ROW STRIPS

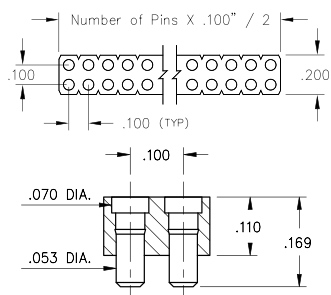


Fig. 1 and Fig. 2 Coplanarity .005". For pin counts >20 positions, consult Technical Support.

FIG. 1

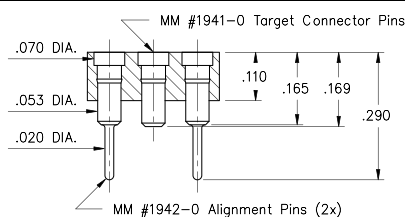


FIG. 2

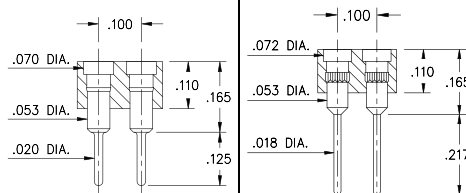


FIG. 3

FIG. 4

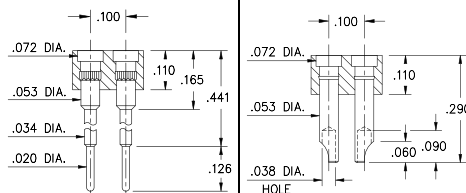


FIG. 5

FIG. 6

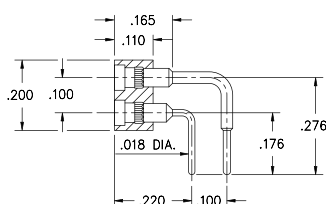
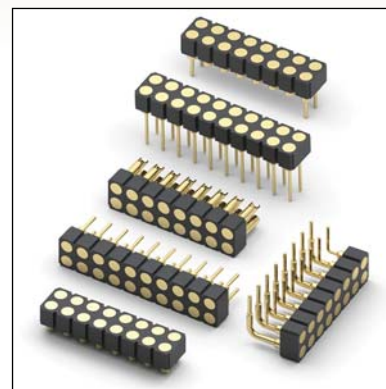


FIG. 7

- Series 419, 430 and 499 Spring Target Connectors, supplied in double row strips
- Spring Target Connectors present a large flat surface for making contact with our standard .042" dia. spring pin plungers. The target connectors provide an excellent gold-plated conductive path back to the board mounted spring pin connector
- Target connectors use MM #1938, #1940, #1941, #1942 and #3024 pins. See page 218 for details
- Insulators are high temperature thermoplastic



ORDERING INFORMATION

FIG. 1	Series 419...041 Surface Mount	
	419-10-2	-30-041000
	Specify number of pins	04-64
FIG. 2	Series 419...042 Surface Mount w/ Alignments Pins	
	419-10-2	-30-042000
	Specify number of pins	06-64
FIG. 3	Series 419...001 Standard Solder Tails	
	419-10-2	-00-001000
	Specify number of pins	04-64
FIG. 4	Series 419...002 Long Solder Tails	
	419-10-2	-00-002000
	Specify number of pins	04-64
FIG. 5	Series 419...005 Elevated with Solder Tails	
	419-10-2	-00-005000
	Specify number of pins	04-64
FIG. 6	Series 430...240 Solder Cups	
	430-10-2	-00-240000
	Specify number of pins	04-64
FIG. 7	Series 499...008 Right Angle Solder Tails	
	499-10-2	-10-008000
	Specify number of pins	04-64
RoHS-2 2011/65/EU XX=Plating Code See Below For Electrical, Mechanical & Environmental Data, See page 264		
SPECIFY PLATING CODE XX=		
Pin Plating		
10 10 μ" Au		



SPRING-LOADED CONNECTORS

SERIES 856, 857 • .050" GRID TARGET CONNECTORS FOR SPRING-LOADED ASSEMBLIES • SINGLE AND DOUBLE ROW STRIPS

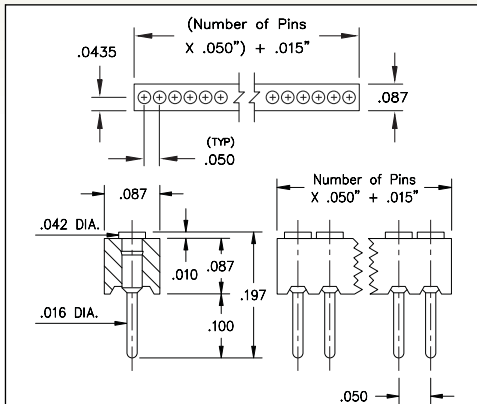


FIG. 1

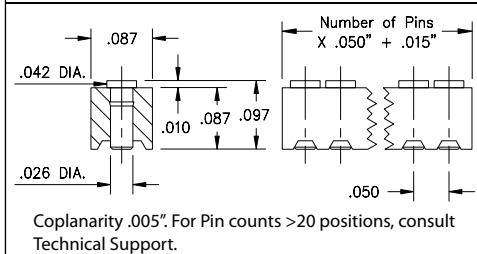


FIG. 2

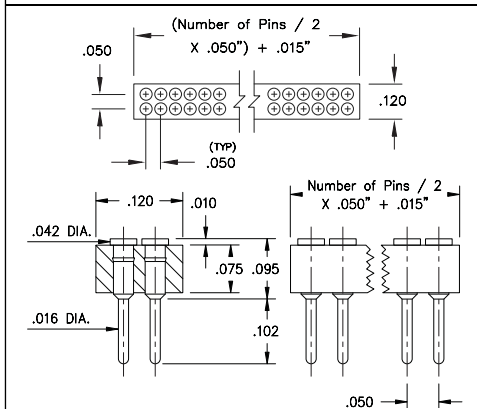


FIG. 3

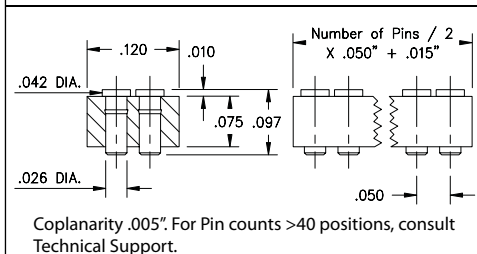
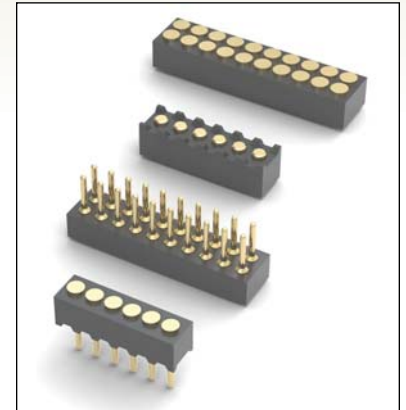


FIG. 4

- Series 856 and 857 Spring Target Connectors, supplied in single and double row strips
- Spring Target Connectors present a large flat surface for making contact with our standard .019" dia. spring pin plungers. The target connectors provide an excellent gold-plated conductive path back to the board-mounted spring pin connector
- Target connectors use MM #1933 and #1935 pins. See page 213 for details
- Insulators are high temperature thermoplastic



ORDERING INFORMATION

FIG. 1	Series 856...051	Standard Solder Tails
	856-10-0	-10-051000 Specify number of pins 01-20
FIG. 2	Series 856...051	Surface Mount
	856-10-0	-30-051000 Specify number of pins 02-20
FIG. 3	Series 857...051	Standard Solder Tails
	857-10-0	-10-051000 Specify number of pins 04-40
FIG. 4	Series 857...051	Surface Mount
	857-10-0	-30-051000 Specify number of pins 04-40
RoHS-2 2011/65/EU XX=Plating Code See Below For Electrical, Mechanical & Environmental Data, See page 264		
SPECIFY PLATING CODE XX=		
Pin Plating	10 10 μ" Au	



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