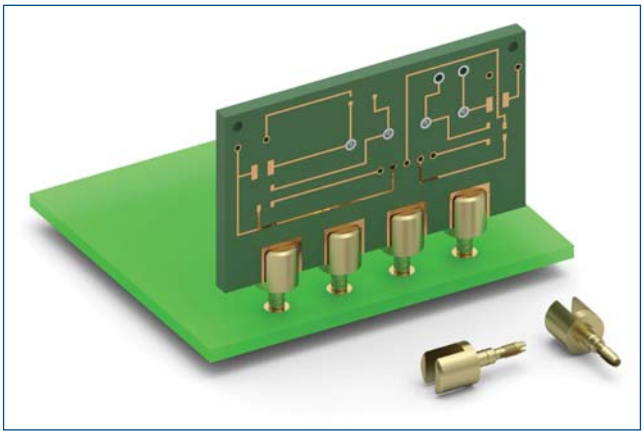
MAXIMUM SOLUTIONS

Multi-Purpose Terminal:
Solderless Press-fit/Wire Termination/Board Edge Mount

Mill-Max introduces a new terminal pin suitable for use in a variety of board-to-board and wire-to-board applications. It features a compliant press-fit tail, slotted head and an additional press-fit feature on the barrel of the pin. These characteristics combine to provide functional, versatile and reliable connection options.

The new 3622-0-32-15-00-00-03-0 pin is designed to be a versatile solution for some popular interconnect configurations. The pins can be used individually or they can be packaged in customer specified connector arrangements. The solderless press-fit tail allows the pins to be staked into printed circuit board holes and then have soldering operations performed on the slotted end of the pin without compromising the connection to the board. The compliant press-fit tail is designed to work with standard .040" (1,02 mm) +/- .003" (,0762 mm) plated-through-holes and will provide a gas tight connection.



The 3622 can be used as an edge board mount pin by fitting the board into the slotted end of the pin; this facilitates right angle board-to-board mating such as daughter card to mother board. When used for board edge connections, the printed circuit board is slipped into the slot and soldered; this may be done before or after the compliant tails are pressed into the adjoining board. The slot will accept board thicknesses up to .062" (1,57 mm)*. The 3622 can also be used for wire-to-board applications where a permanent termination of wires, for power or signal transmission, is required. Once the pin is pressed into the board, the wire can be placed into the slot and soldered. Since there is no soldering operation required to make the secure electrical connection to the board, there is no concern about compromising this connection during the soldering of wires. The slot will accept up to #16 AWG stranded wire.

The 3622 slotted, compliant tail terminal is a versatile, robust and convenient solution for board-to-board and wire-to-board interconnect applications. Like all Mill-Max pins, the 3622 is precision-machined to the highest quality and consistency. It is available with standard 10 micro inches gold plating (thicker gold plating available upon request).

* The machining process produces an arc through the slot. When using multiple pins in line, the slots need to be uniformly oriented to maximize usable slot width.

For more information, please visit: www.mill-max.com/PR655.

(6/15-- PR655)

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MILL-MAX®

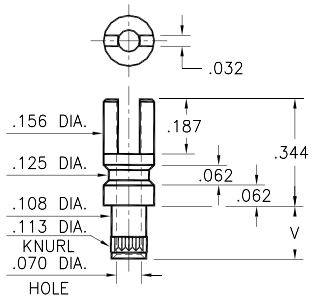
MALE PCB PINS

SOLDER TERMINALS SLOTTED

2715

2715-X-01-XX-00-00-07-0

Swage mount in .116 hole

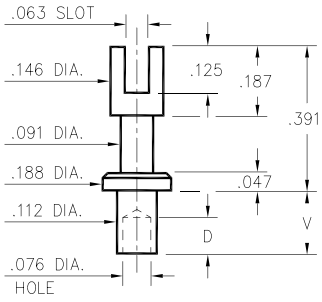


Basic Part Number	Board Thickness	Length V
2715-2	.062	.109
2715-3	.094	.141
2715-4	.125	.172

2809

2809-X-01-XX-00-00-07-0

Swage mount in .116 hole

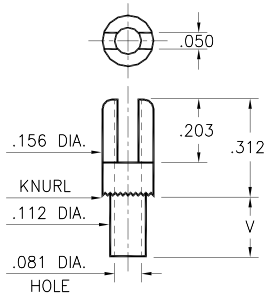


Basic Part Number	Board Thick-ness	Length V	Depth D
2809-1	.031	.078	.068
2809-2	.062	.109	.098
2809-3	.094	.141	.098
2809-4	.125	.172	.098

2701

2701-X-01-XX-00-00-07-0

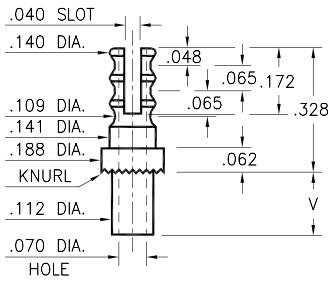
Swage mount in .116 hole



2808

2808-X-01-XX-00-00-07-0

Swage mount in .116 hole

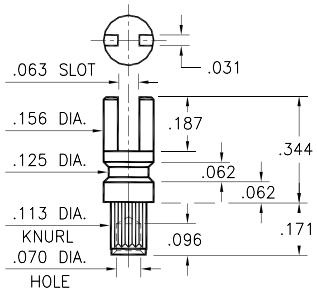


Basic Part Number	Board Thickness	Length V
2XXX-1	.031	.075
2XXX-2	.062	.105
2XXX-3	.094	.135
2XXX-4	.125	.165

2762

2762-4-01-XX-00-00-07-0

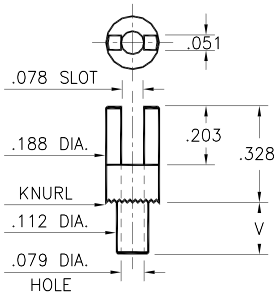
Swage mount in .116 hole
For a .125 thick board



2807

2807-X-01-XX-00-00-07-0

Swage mount in .116 hole

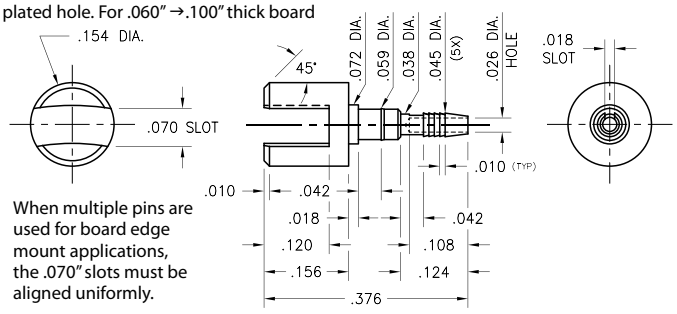


Basic Part Number	Board Thickness	Length V
2807-1	.031	.078
2807-2	.062	.109
2807-3	.094	.140
2807-4	.125	.171

3622

3622-0-32-15-00-00-03-0

Slotted compliant tail press-fit in .040 ± .003 plated hole. For .060" →.100" thick board



When multiple pins are used for board edge mount applications, the .070" slots must be aligned uniformly.

SPECIFICATIONS:

Pin Material: Brass Alloy 360, 1/2 Hard
(Swage pins are annealed)

Dimensions: Inches

Tolerances On: Lengths: ± .005
Diameters: ± .002
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 00 - 00 - 07 - 0

BASIC PART #

Part #3622 plating ONLY

SPECIFY PIN FINISH:

- **01** 200 µ" TIN/LEAD OVER NICKEL
- ◆ **15** 10 µ" GOLD OVER NICKEL (RoHS)
- ◆ **80** 200 µ" TIN OVER NICKEL (RoHS)
- ◆ **44** 300 µ" SILVER OVER COPPER (RoHS)
- **50** 300 µ" ELECTRO-SOLDER (60/40 SnPb)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Mill-Max:

2809-4-01-01-00-00-07-0 2809-4-01-50-00-00-07-0 2809-3-01-50-00-00-07-0 2809-2-01-01-00-00-07-0 2809-2-01-50-00-00-07-0 2809-1-01-01-00-00-07-0 2809-1-01-50-00-00-07-0 2808-4-01-01-00-00-07-0 2808-4-01-50-00-00-07-0 2808-3-01-01-00-00-07-0 2808-3-01-50-00-00-07-0 2808-2-01-50-00-00-07-0 2808-1-01-01-00-00-07-0 2808-1-01-50-00-00-07-0 2807-4-01-01-00-00-07-0 2807-4-01-50-00-00-07-0 2807-3-01-01-00-00-07-0 2807-3-01-50-00-00-07-0 2807-1-01-50-00-00-07-0 2762-4-01-01-00-00-07-0 2762-4-01-50-00-00-07-0 2715-4-01-01-00-00-07-0 2715-4-01-50-00-00-07-0 2715-3-01-01-00-00-07-0 2715-3-01-50-00-00-07-0 2715-2-01-01-00-00-07-0 2715-2-01-50-00-00-07-0 2701-4-01-01-00-00-07-0 2701-4-01-50-00-00-07-0 2701-3-01-01-00-00-07-0 2701-3-01-50-00-00-07-0 2701-2-01-01-00-00-07-0 2701-2-01-50-00-00-07-0 2701-1-01-50-00-00-07-0 2809-4-01-80-00-00-07-0 2809-3-01-80-00-00-07-0 2809-2-01-80-00-00-07-0 2808-4-01-80-00-00-07-0 2808-3-01-80-00-00-07-0 2808-2-01-80-00-00-07-0 2808-1-01-80-00-00-07-0 2807-4-01-80-00-00-07-0 2807-2-01-80-00-00-07-0 2807-1-01-80-00-00-07-0 2715-4-01-80-00-00-07-0 2701-4-01-80-00-00-07-0 2701-3-01-80-00-00-07-0 2701-1-01-80-00-00-07-0 2701-1-01-44-00-00-07-0 2701-2-01-44-00-00-07-0 2701-3-01-44-00-00-07-0 2701-4-01-44-00-00-07-0 2715-2-01-44-00-00-07-0 2715-3-01-44-00-00-07-0 2715-4-01-44-00-00-07-0 2762-4-01-44-00-00-07-0 2807-1-01-44-00-00-07-0 2807-4-01-44-00-00-07-0 2808-1-01-44-00-00-07-0 2808-2-01-44-00-00-07-0 2808-3-01-44-00-00-07-0 2808-4-01-44-00-00-07-0 2809-1-01-44-00-00-07-0 2809-3-01-44-00-00-07-0 2809-4-01-44-00-00-07-0