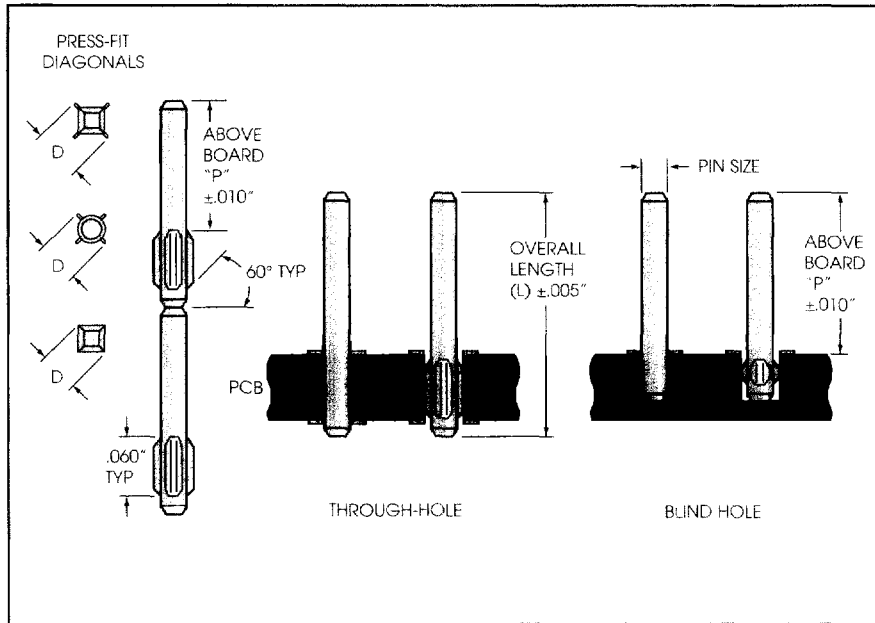


# INTERCONNECT PINS: USER DEFINED PRODUCTS

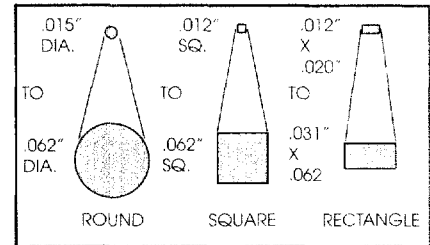
## SOLID PRESS-FIT PIN ORDERING GUIDE



### Cross Sections

The AutoPin® system accommodates square, round and rectangular pins from .012" square to .062" round. Special cross sections including half round, half square are also available.

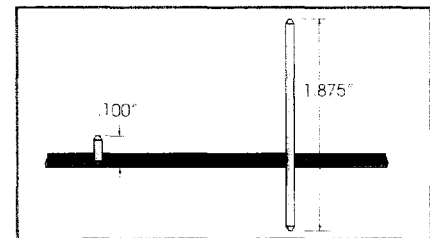
### PIN CROSS SECTION - RANGES AVAILABLE



### Pin Lengths

Pin lengths can be ordered in .010" increments from .100" to 1.875".

### PIN LENGTHS - RANGES AVAILABLE



### Six-Step User Defined Part Number System

③ & ④ Material & Finish

① Pin Size

Pin Series

8 - [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Overall Length of Pin ⑤

Pin Length Above Board/Star ⑥

Notes:  
 For two place decimal lengths, enter numbers without decimal point.  
 Example: 8-252F6538  
 .65      .38

For three place decimal lengths, enter all numbers without decimal point and put a slash "/" in between "L" and "P".  
 Example: 8-252F655/385 or 8-452F875/525

For lengths over one inch regardless of decimal places, enter all numbers with decimal point and put a slash "/" in between "L" and "P".  
 Example: 8-251F1.65/1.38 or 8-451A1.85/1.65

Material  
 A → C26000 Brass, 3/4 Hard  
 F → C51000 Phosphor Bronze, 3/4 Hard

Finish  
 E → Tin/Lead .000120 Min over .000050" nickel  
 D → Gold Plate .000005 over .000050" nickel  
 W → Gold Plate .000010 over .000050" nickel  
 Y → Gold Plate .000015 over .000050" nickel  
 C → Gold Plate .000020 over .000050" nickel  
 B → Gold Plate .000030 over .000050" nickel  
 G → Gold Plate .000030 over .000050" nickel  
 H → Gold Plate .000030 over .000050" nickel  
 I → Gold Plate .000030 over .000050" nickel  
 J → Gold Plate .000030 over .000050" nickel  
 K → Gold Plate .000030 over .000050" nickel

② Pin Type (See Star Detail) Page 17

1 = Square Pin  
 2 = Square Pin with Standard Star  
 3 = Square Pin with Larger Star (.025 SQ Only)  
 4 = Round Pin  
 5 = Round Pin with Star  
 8 = Rectangle (Note: consult AutosplICE for part number details)

① Pin Size

For .018" Round See Page 17

1 2 = .012  
 1 6 = .016  
 1 8 = .018  
 2 0 = .020  
 2 5 = .025  
 2 8 = .028  
 3 1 = .031  
 3 6 = .036  
 4 0 = .040  
 4 5 = .045  
 5 0 = .050  
 6 2 = .062

⑤ Overall Length of Pin

⑥ Pin Length Above Board/Star

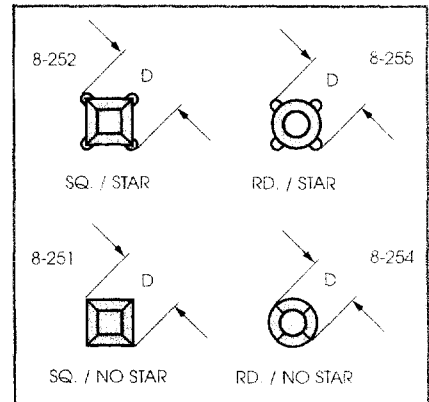
# INTERCONNECT PINS: USER DEFINED PRODUCTS

## SOLID PRESS-FIT PIN SPECIFICATIONS

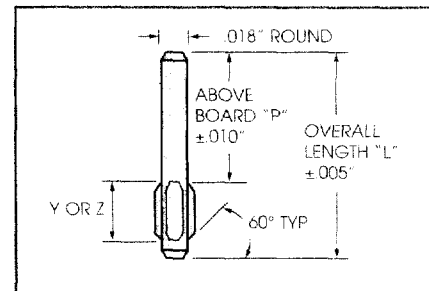
17

PIN SIZE	PART NUMBER	RECOMMENDED TIN PLATED HOLE SIZE	COMPONENT DIAGONAL ±.001"	RECOMMENDED DRILL HOLE SIZE
.012" SQ.	8-121	.014" ±.001"	.016"	.016"
	8-122	.017" ±.001"	.020"	.020"
.016" SQ.	8-161	.018" ±.001"	.021"	.021"
	8-162	.021" ±.001"	.025"	.025"
.018" SQ.	8-181	.022" ±.001"	.024"	.024"
	8-182	.026" ±.001"	.030"	.030"
.020" SQ.	8-201	.023" ±.001"	.028"	.028"
	8-202	.028" ±.001"	.033"	.033"
.020" RD.	8-204	N/A	N/A	N/A
	8-205	.022" ±.001"	.026"	.026"
.025" SQ.	8-251	.029" ±.002	.033"	.033"
	8-252	.033" ±.002	.038"	.038"
	8-253	.037" ±.002	.042"	.042"
.025" RD.	8-254	N/A	N/A	N/A
	8-255	.027" ±.002"	.032"	.032"
.028" SQ.	8-281	.032" ±.002"	.038"	.037"
	8-282	.042" ±.002"	.046"	.046"
.031" SQ.	8-311	.036" ±.002"	.042"	.042"
	8-312	.047" ±.002"	.053"	.053"
.031" RD.	8-314	N/A	N/A	N/A
	8-315	.036" ±.002"	.042"	.042"
.036" SQ.	8-361	.043" ±.002"	.049"	.049"
	8-362	.055" ±.002"	.061"	.061"
.040" SQ.	8-401	.048" ±.002"	.055"	.055"
	8-402	.062" ±.002"	.069"	.069"
.040" RD.	8-404	N/A	N/A	N/A
	8-405	.046" ±.002"	.052"	.052"
.045" SQ.	8-451	.056" ±.002"	.062"	.062"
	8-452	.070" ±.002"	.077"	.077"
.045" RD.	8-454	N/A	N/A	N/A
	8-455	.053" ±.002"	.059"	.059"
.050" RD.	8-504	N/A	N/A	N/A
	8-505	.059" ±.002"	.065"	.065"
.062" RD.	8-624	N/A	N/A	N/A
	8-625	.070" ±.002"	.077"	.077"

### Example: .025" Pin Type



### .018" Round Pin Specifications



PART NUMBER	TIN PLATED HOLE SIZE	DRILL HOLE SIZE	COMPONENT DIAGONAL
8-18L	.021-.022	.024-.025	.024-.025
8-18M	.020-.021	.023-.024	.023-.024
8-18N	.019-.020	.022-.023	.022-.023
8-18O	.018-.019	.021-.022	.021-.022
8-18P	.017-.018	.020-.021	.020-.021

Note: Rectangular pins available, consult Autosplice.

### .018" Round Pin: User Defined Part Number

