

# PIN STRIP HEADER (Right Angle, Low Profile)

## FEATURES

- MATE-RITE TIP prevents scraping of mating socket
- Lower profile allows tighter packaging
- Rounded tails improve solder action
- Terminals of precision drawn phosphor bronze wire
- Mates with Crane's ATP, ATS, ABH, ABS, ABT Sockets; JUN jumpers

## STANDARD PART DIMENSIONS

MATING		SINGLE ROW	DUAL ROW	TRIPLE ROW
P	POST "A"	0.318" / 8,08mm	0.318" / 8,08mm	0.318" / 8,08mm
	POST "B"	0.230" / 5,84mm	0.230" / 5,84mm	0.230" / 5,84mm
	POST "M"	0.295" / 7,49mm	0.295" / 7,49mm	0.295" / 7,49mm
	POST "I"	See Attached Options (next page)		

INSULATOR BODY		SINGLE ROW	DUAL ROW	TRIPLE ROW
W	WIDTH	0.098" / 2,49mm	0.098" / 2,49mm	0.098" / 2,49mm
H	HEIGHT	0.096" / 2,44mm	0.198" / 5,03mm	0.295" / 7,49mm
S	STANDOFF	NA	0.030" / 0,76mm	0.025" / 0,64mm

PC TAIL		SINGLE ROW	DUAL ROW	TRIPLE ROW
L	LENGTH	0.125" / 3,18mm	0.125" / 3,18mm	0.125" / 3,18mm

For other lengths, see Selected Options (next page)

## POST CENTERLINE DIMENSIONS (Above PC Board)

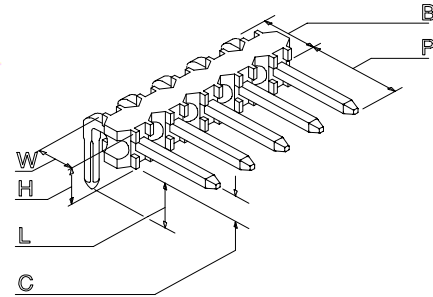
		SINGLE ROW	DUAL ROW	TRIPLE ROW
C	Height Above PC Board	0.049" / 1,24mm	0.049" / 1,24mm	0.049" / 1,24mm
B	Post Centerline to Insulator Body	0.150" / 3,81mm	0.250" / 6,35mm	0.350" / 8,89mm

## MATERIALS

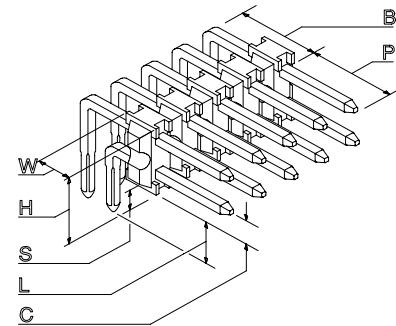
INSULATOR BODY	Glass Filled Polyester (UL94V-O)
POST	Phosphor Bronze

See SPECIFICATIONS and PERFORMANCE DATA for more detail

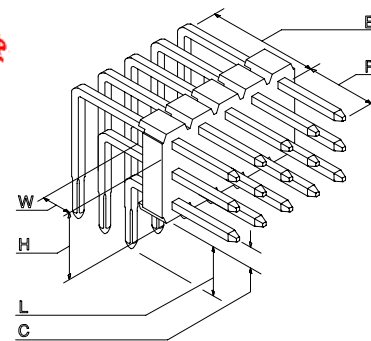
## SINGLE ROW (1 to 40 Positions)



## DUAL ROW (2 to 80 Positions)



## TRIPLE ROW (9 to 120 Positions)



**SAMPLE HOTLINE: 1-800-676-7644**

**0.100" (2,54mm) Centers  
To Mate With 0.025" (0,64mm)  
Square Mating Posts**

**HOW TO ORDER CRANE'S LPEG SERIES**

**STANDARD PART NUMBER**

**OPTIONAL**

<b>PRODUCT SERIES</b>	<b>LPEG</b>												
See page below for insulator options													
<b>TOTAL NUMBER OF POSITIONS</b>	SINGLE	<b>01-40</b>											
	DUAL	<b>02-80</b>											
	TRIPLE	<b>03-120</b>											
<b>NUMBER OF ROWS</b>	SINGLE		<b>S</b>										
	DUAL		<b>D</b>										
	TRIPLE		<b>T</b>										
<b>TYPE OF HEADER</b>	RIGHT ANGLE		<b>R</b>										
<b>PLATING (See Specs At Bottom)</b>	G,T or M, H, L, F												
NOTE: Some platings may be subject to minimums													
<b>MATING POST DATA</b>	Mating Post Length	Minimum Gold Plated Area											
	0.318" / 8,08mm	0.200" / 5,08mm		<b>A</b>									
	0.230" / 5,84mm	0.180" / 4,57mm		<b>B</b>									
	0.295" / 7,49mm	0.200" / 5,08mm		<b>M</b>									
	OPTIONAL LENGTH - See Below			<b>I</b>									
<b>TAIL (0.110" / 2,79mm STANDARD)</b>	COINED	0.028" / 0,71mm Diagonal		<b>R</b>									
	KINKED	0.028" / 0,71mm Diagonal		<b>K</b>									
	FINE LINE*	0.018" / 0,46mm Diagonal		<b>F</b>									
	SQUARE	0.025" / 0,64mm SQ		<b>Q</b>									

\* The FINE LINE option is not available in all pin lengths.

<b>SELECTED OPTIONS</b>	POST	TAIL				
	<b>I</b>	0.400"	0.110"	<b>4</b>	<b>0</b>	<b>0</b>
0.450"		0.110"	<b>4</b>	<b>5</b>	<b>0</b>	
0.600"		0.110"	<b>6</b>	<b>0</b>	<b>0</b>	
<b>B</b>	0.230"	0.180"	<b>T</b>	<b>1</b>	<b>8</b>	<b>0</b>
	0.230"	0.235"	<b>T</b>	<b>2</b>	<b>3</b>	<b>5</b>
	0.230"	0.335"	<b>T</b>	<b>3</b>	<b>3</b>	<b>5</b>
	0.230"	0.435"	<b>T</b>	<b>4</b>	<b>3</b>	<b>5</b>

If the standard dimensions shown above meet your needs, disregard this section.

If you need one of our OPTIONAL dimensions, just add the designator (see chart) to the end of the standard part number.

EXAMPLE: To order a 0.230" post with a 0.180" tail, specify part number:

**LPEG40SS-GBRT180**

Many other sizes are available. Please call us for more information.



**CONTINUED - Please Page down for More Choices**

<b>INSULATOR OPTIONS:</b>  Standard insulator color is white, except for triple row parts. For black insulator on single or dual row parts, insert a "B" at the beginning of the apart number (EX: BLPEG80DR-TBR).	<b>A</b>	0.318"	0.180"	T	1	8	0
		0.318"	0.235"	T	2	3	5
		0.318"	0.375"	T	3	7	5

## CRANE CONNECTORS - PLATING SPECIFICATIONS

PLATING OPTIONS		CONTACT AREA Inches (Millimeters)	PC TAIL Inches (Millimeters)	UNDERPLATE Inches (Millimeters)
<b>G</b>	Selective	15 $\mu$ " (0,00038) Gold	100 $\mu$ " (0,00254) Tin/Lead - Min	50 $\mu$ " (0,00127) Nickel - Min.
<b>T</b>	Tin / Lead	100 $\mu$ " (0,00254) Tin / Lead	100 $\mu$ " (0,00254) Tin/Lead - Min	50 $\mu$ " (0,00127) Nickel - Min.
<b>M</b>	Selective	50 $\mu$ " (0,00127) Gold	100 $\mu$ " (0,00254) Tin/Lead - Min	50 $\mu$ " (0,00127) Nickel - Min.
<b>H</b>	Selective	30 $\mu$ " (0,00076) Gold	100 $\mu$ " (0,00254) Tin/Lead - Min	50 $\mu$ " (0,00127) Nickel - Min.
<b>L</b>	Selective	10 $\mu$ " (0,00025) Gold	100 $\mu$ " (0,00254) Tin/Lead - Min	50 $\mu$ " (0,00127) Nickel - Min.
<b>F</b>	Selective	3 $\mu$ " (0,00008) Gold	100 $\mu$ " (0,00254) Tin/Lead - Min	50 $\mu$ " (0,00127) Nickel - Min.

STANDARD TAIL OPTIONS ON 0.100" (2,54mm) PIN STRIP HEADERS			
"R" COINED	"K" KINKED	"F" FINE	"Q" SQUARE
The standard "R" option provides a coined tail improving solder action while making insertion easier.	The "K" option provides a kinked tail, reducing unwanted movement on the PC board.	The "F" option combines an 0.018" rounded tail with an 0.025" square post. This fine line feature allows more traces between holes.	The "Q" option provides an 0.025" square tail for use in wire wrap applications.

STANDARDS	
  UL File No. E120111 (N)	ISO9001   Crane Connectors File No. A-3620
Recognized to U.S. and Canadian requirements under the Component Recognition Program of Underwriters Laboratories Inc.	Registered by UL to ISO9001 under UL's accreditation by Raad voor de Certificatie (RvC), the Dutch Council for Certification.

ENGINEERING NOTE: The information presented in this catalog page is accurate to the best of our knowledge. Due to ongoing efforts to advance design and material performance, the information is subject to change without notice.

**SAMPLE HOTLINE: 1-800-676-7644**

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Phone: (513) 631-4700 • Fax (513) 631-5700 • Toll Free US (800) 676-7644 • Canada (800) 420-7310