

# .050" PIN STRIP HEADER (Straight, Dual Insulator)

### FEATURES

- Super low profile for tight applications
- Smaller centers allow higher density packaging
- Pin tip geometry reduces insertion forces
- Custom applications available ... call us!
- Mates with Crane's ATF and AFF Series Sockets

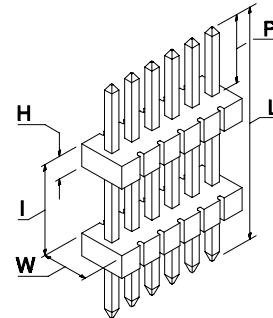
### STANDARD PART DIMENSIONS

MATING		Single Row MPFH	Dual Row MPFH	Dual Row MPFF
P	POST LENGTH	Please refer to the chart on the next page for a wide selection of common board spacing options. Call us if the size you need is not listed.		
I	INSULATOR SPACING			
L	PIN LENGTH			
INSULATOR BODY		Single Row MPFH	Dual Row MPFH	Dual Row MPFF
W	WIDTH	0.100" / 2,54mm	0.180" / 4,57mm	0.130" / 3,30mm
H	HEIGHT	0.050" / 1,27mm	0.050" / 1,27mm	0.050" / 1,27mm
C	ROW TO ROW	N/A	0.100" / 2,54mm	0.050" / 1,27mm
MATERIALS				
INSULATOR BODY		High Temperature Thermoplastic (UL94V-O)		
POST		Phosphor Bronze		

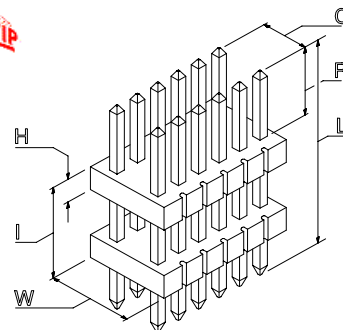
See SPECIFICATIONS and PERFORMANCE DATA for more detail

**Mates with Crane's ATF and AFF Series Board Mount Sockets**

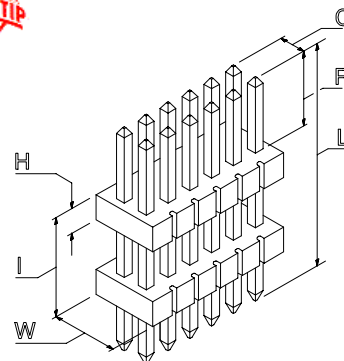
### SINGLE ROW (1 to 60 Positions) MPFH



### DUAL ROW (2 to 120 Positions) MPFH



### DUAL ROW (2 to 120 Positions) MPFF



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

<b>0.050" (1,27mm) Centers 0.018" (0,46mm) Square or Round Mating Posts</b>	<b>HOW TO ORDER CRANE'S MPFF / MPFH SERIES</b>											
	STANDARD PART NUMBER											
						--					--	
<b>PRODUCT SERIES</b>	MPF											
<b>INSULATOR STYLE</b>		SINGLE	H									
	050 x 100	DUAL	H									
	050 x 050	DUAL	F									
<b>TOTAL NUMBER OF POSITIONS</b>		SINGLE		01-60								
		DUAL		02-120								
<b>NUMBER OF ROWS</b>		SINGLE			S							
		DUAL			D							
<b>TYPE OF HEADER</b>	STRAIGHT					S						
<b>PLATING (See Specs Below)</b>	G or T											
<b>TAIL (Standard)</b>	SQUARE			0.018" / 0,46mm			Q					
	<b>TAIL OPTIONS</b>	KINKED		0.018" / 0,46mm			K					
		ROUNDED		0.020" / 0,51mm Diagonal			R					
		ROUND (WHOLE PIN)		0.018" / 0,46mm Diameter			D					

\*NOTE: Minimum order may be necessary.

SELECTED OPTIONS	POST LENGTH "P"	INSUL. SPACING "I"	PIN LENGTH "L"			
Many other sizes are available. Please call us at 1-800-676-6744 or Email us at  <a href="http://www.cranecollectors.com">www.cranecollectors.com</a>  and give us your exact requirements.	0.080" = E	0.100" = C	0.270" = E	E	C	E
	0.100" = G	0.150" = E	0.350" = H	G	E	H
	0.120" = C	0.100" = C	0.350" = H	C	C	H
	0.080" = E	0.200" = G	0.380" = I	E	G	I
	0.120" = C	0.150" = E	0.380" = I	C	E	I
	0.120" = C	0.200" = G	0.450" = L	C	G	L
	0.220" = B	0.100" = C	0.450" = L	B	C	L
	0.120" = C	0.300" = K	0.550" = P	C	K	P
	0.220" = B	0.200" = G	0.550" = P	B	G	P
	0.120" = C	0.400" = O	0.650" = T	C	O	T
	0.220" = B	0.300" = K	0.650" = T	B	K	T

**CRANE CONNECTORS**

4700 Smith Road • Cincinnati, Ohio 45212 USA  
 Phone: 1-800-676-7644 (US ) or 1-800-420-7310 (CAN)  
 Phone: 513-631-4700 • Fax: 513-631-5700

# CRANE CONNECTORS - PLATING SPECIFICATIONS

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

**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.

**STANDARDS**

ISO9001



Crane Connectors  
File No. A-3620

Registered by UL to ISO9001 under UL's accreditation by Raad voor de Certificatie (RvC), the Dutch Council for Certification.

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