

# EMI SUPPRESSING HEADER (Straight, Dual Insulator)

## FEATURES

- Dual insulator design adds mechanical stability
- Suppression plates help reduce EMI/RFI interference
- Insulator standoffs reduce rework due to flux residue
- Coined tails improve solder action
- Mates with Crane's ATP, ATL, MATP, ATS and BBP Sockets

## STANDARD PART DIMENSIONS

### MATING

### Dual Row

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

### Dual Row

W	WIDTH	0.198" / 5,03mm
H	HEIGHT	0.098" / 2,49mm
S	STANDOFF	0.015" / 0,38mm

## MATERIALS

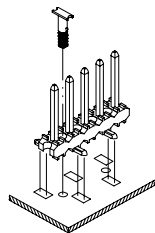
INSULATOR BODY	Glass Filled Polyester (UL94V-O)
POST	Phosphor Bronze
SUPPRESSION MATERIAL	High Volume Resistivity ferrite material with maximum operating temperature of 150°C

## OPTIONAL HOLD-DOWN PEGS

Crane's hold-down pegs (top and bottom entry available) secure part...

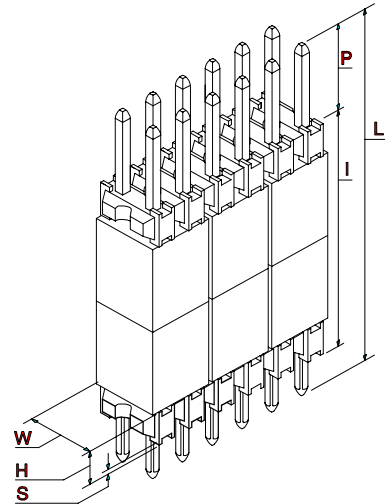
### SMT or THRU-HOLE

... to the PC board preventing misalignment during handling and soldering.



Crane header with Top Entry Peg

## DOUBLE ROW (2 to 80 Positions)



## DESIGN NOTE

Noise or electromechanical interference (EMI) can play havoc with electronic products today. With the continual growth of high speed systems and equipment, the need for EMI solutions has risen.

Crane connectors – sockets and headers with FERRITE slabs captured between insulators – provide a space saving inductive device that will suppress (minimize or eliminate) the effects of EMI.

See SPECIFICATIONS and PERFORMANCE DATA for more detail



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



# 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 provided 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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