

# 2mm SURFACE MOUNT HEADER (Straight)

## FEATURES

- Excellent for high density applications
- Minimizes PC board stacking height
- IR, Vapor Phase and Wave Solder Compatible
- MATE-RITE TIP prevents scraping of mating socket
- Mates with Crane's ATM and AMT Sockets; JNM jumpers

## STANDARD PART DIMENSIONS

MATING		SINGLE ROW	DUAL ROW
P	POST 37	3,7mm / 0.146"	3,7mm / 0.146"
	POST 40	4,0mm / 0.157"	4,0mm / 0.157"
	POST ??	See Mating Post Data (next page)	

INSULATOR BODY		Single Row	Dual Row
W	WIDTH	2,0mm / 0.079"	4,0mm / 0.157"
H	HEIGHT	1,5mm / 0.059"	1,5mm / 0.059"
I	Height Above Board	2,0mm / 0.079"	2,0mm / 0.079"

RECOMMENDED PC BOARD LAYOUT		Single Row	Dual Row
A	PAD CENTERLINE SPACING	2,0mm / 0.079"	2,0mm / 0.079"
B		2,5mm / 0.098"	4,5mm / 0.177"
C	PAD SIZE	0,8mm / 0.031"	0,8mm / 0.031"
D		2,5mm / 0.098"	2,5mm / 0.098"

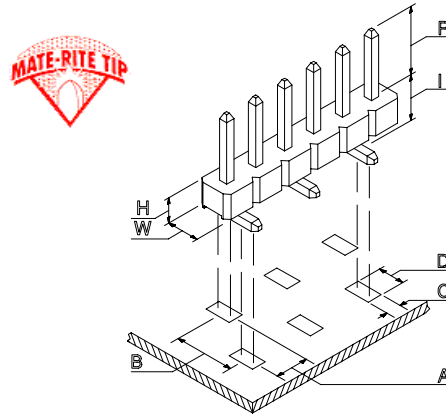
For other lengths, see Selected Options (next page)

## MATERIALS

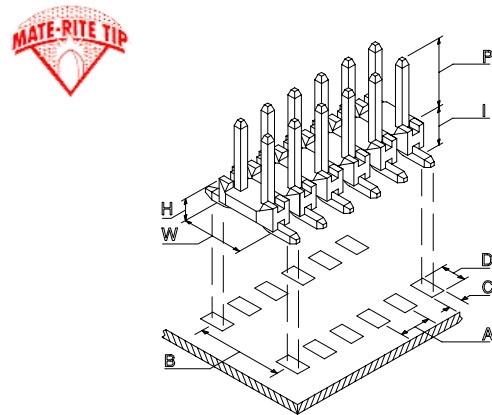
INSULATOR BODY	High Temperature Thermoplastic (UL94V-O)
POST	Phosphor Bronze

See SPECIFICATIONS and PERFORMANCE DATA for more detail

## SINGLE ROW (3 to 50 Positions)



## DUAL ROW (4 to 100 Positions)



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

**PGM SERIES**

<b>2,0mm (0.079") Centers 0,50mm (0.020") Square Mating Posts</b>	HOW TO ORDER CRANE'S PGM SERIES						
	STANDARD PART NUMBER						
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<b>PRODUCT SERIES</b>	PGM						
<b>TOTAL NUMBER OF POSITIONS</b>	SINGLE	03-50					
	DUAL	04-100					
<b>NUMBER OF ROWS</b>	SINGLE	S					
	DUAL	D					
<b>TYPE OF HEADER</b>	STRAIGHT		S				
<b>PLATING (See Specs At Bottom Of Page)</b>	G,T or H, L, F						
Due to the number of options, not all platings are stocked for all pin lengths. Contact factory for availability.							
<b>MATING POST DATA</b>	MATING POST LENGTH						
	3,7 mm						37
	4,0mm						40
	Post Length Needed (in tenths of millimeters)						??
<b>SURFACE MOUNT TAIL DESIGNATION</b>	"T" followed by "S"						TS

**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.

## 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.

**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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