

# 2mm BOARD MOUNT SOCKET (Straight)

## FEATURES

- Excellent for high density applications
- Minimizes PC board stacking height
- IR, Vapor Phase and Wave Solder Compatible
- Insulator standoffs reduce rework due to flux residue
- Mates with Crane's PGM, MPGM, LPGM and DPGM Series Headers

## STANDARD PART DIMENSIONS

INSULATOR BODY		Single Row	Dual Row
W	WIDTH	2,4mm / 0.095"	4,0mm / 0.158"
H	HEIGHT	4,3mm / 0.169"	4,5mm / 0.178"
S	STANDOFF	0,3mm / 0.012"	0,3mm / 0.012"
PC TAIL		Single Row	Dual Row
L	LENGTH	2,3mm / 0.091"	2,6mm / 0.102"

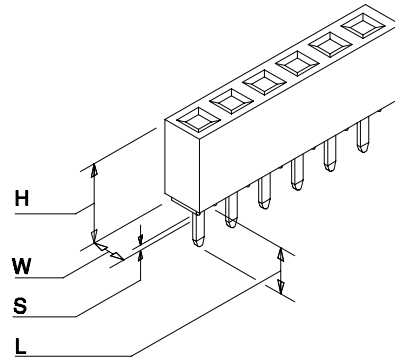
For other lengths, see Selected Options (next page)

## MATERIALS

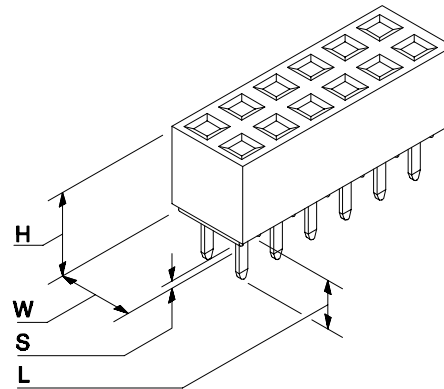
INSULATOR BODY	High Temperature Thermoplastic (UL94V-O)
POST	Phosphor Bronze

See SPECIFICATIONS and PERFORMANCE DATA for more detail

## SINGLE ROW (1 to 30 Positions)



## DUAL ROW (2 to 60 Positions)



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

<b>2,0mm (0.079") Centers To mate with 0,50mm (0.020") Posts</b>	<b>HOW TO ORDER CRANE'S ATM SERIES</b>						
	<b>STANDARD PART NUMBER</b>						
PRODUCT SERIES	ATM				--		
TOTAL NUMBER OF POSITIONS	SINGLE	01-30					
	DUAL	02-60					
NUMBER OF ROWS	SINGLE		S				
	DUAL		D				
TYPE OF SOCKET	STRAIGHT			S			
CONTACT PLATING (See Specs At Bottom Of Page)	G,T or HL, F						
NOTE: Some platings may be subject to minimums.							
TAIL PLATING	SAME AS CONTACT						C
CONTACT SPACING	2mm x 2 mm						B

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# 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**

**CRANE CONNECTORS** • 4700 Smith Road • Cincinnati, Ohio 45212 USA • E-mail Address: [info@craneconnectors.com](mailto:info@craneconnectors.com)  
Phone: (513) 631-4700 • Fax (513) 631-5700 • Toll Free US (800) 676-7644 • Canada (800) 420-7310