

2mm SURFACE MOUNT SOCKET (Straight)

FEATURES

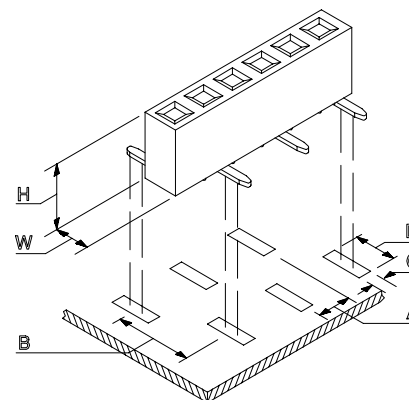
- Excellent for high density applications
- Minimizes PC board stacking height
- IR, Vapor Phase and Wave Solder Compatible
- Chamfered entry prevents pin stubbing
- Mates with Crane's PGM, MPGM, LPGM and DPGM Series Headers

STANDARD PART DIMENSIONS

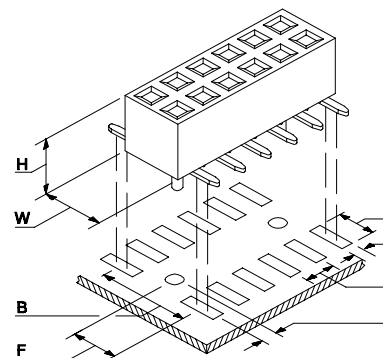
INSULATOR BODY		Single Row	Dual Row
W	WIDTH	2,4mm / 0.095"	4,0mm / 0.158"
H	HEIGHT	4,3mm / 0.169"	4,5mm / 0.178"
RECOMMENDED PC BOARD LAYOUT		Single Row	Dual Row
A	PAD CENTERLINE SPACING	2,0mm / 0.079"	2,0mm / 0.079"
B		3,0mm / 0.118"	4,5mm / 0.177"
C	PAD SIZE	0,8mm / 0.031"	0,8mm / 0.031"
D	PAD SIZE	2,5mm / 0.098"	2,5mm / 0.098"
E	Alignment Post Centerline Dim.	N/A	1,0mm / 0.040"
F	Alignment Post Centerline Dim.	N/A	2,25mm / 0.089"
ALIGNMENT POST		Single Row	Dual Row
POST (SQUARE)		N/A	0,74mm / 0.029"
POST LENGTH		N/A	0,85mm / 0.033"
REC. HOLE SIZE		N/A	1,0mm / 0.039"
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

2,0mm (0.079") Centers To mate with 0,50mm (0.020") Posts	HOW TO ORDER CRANE'S ATM SERIES							
	STANDARD PART NUMBER							
					--			
PRODUCT SERIES	ATM							
TOTAL NUMBER OF POSITIONS	SINGLE	03-30						
	DUAL	04-60						
NUMBER OF ROWS	SINGLE	S						
	DUAL	D						
TYPE OF SOCKET	STRAIGHT	S						
CONTACT PLATING (See Specs At Bottom Of Page)	G,T or H, F							
NOTE: Some platings may be subject to minimums.								
TAILPLATING	SAME AS CONTACT					C		
	TIN / LEAD (Used with gold contact)					T		
TAIL STYLE	SURFACE MOUNT					S		
SELECTED OPTIONS	ALIGNMENT POSTS					P		

DESIGN NOTE

Crane's ATM Series sockets can be used as BOTTOM ENTRY sockets in the surface mount configuration. The bottom entry feature is not available on the thru-hole part.

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CRANE CONNECTORS - PLATING SPECIFICATIONS

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

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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