

# 2mm SURFACE MOUNT SOCKET (Vertical Mount)

## FEATURES

- Excellent for high density applications
- Minimizes PC board stacking height
- IR, Vapor Phase and Wave Solder Compatible
- High reliability tuning fork contacts
- Mates with Crane's PGM, MPGM, LPGM and DPGM Headers

## STANDARD PART DIMENSIONS

### INSULATOR BODY

Dual Row

<b>W</b>	WIDTH	4,0mm / 0.158"
<b>H</b>	HEIGHT	6,35mm / 0.250"

### RECOMMENDED PC BOARD LAYOUT

Dual Row

<b>A</b>	PAD CENTERLINE SPACING	2,0mm / 0.079"
<b>B</b>	PAD CENTERLINE SPACING	4,5mm / 0.177"
<b>C</b>	PAD SIZE	0,8mm / 0.031"
<b>D</b>	PAD SIZE	2,5mm / 0.098"

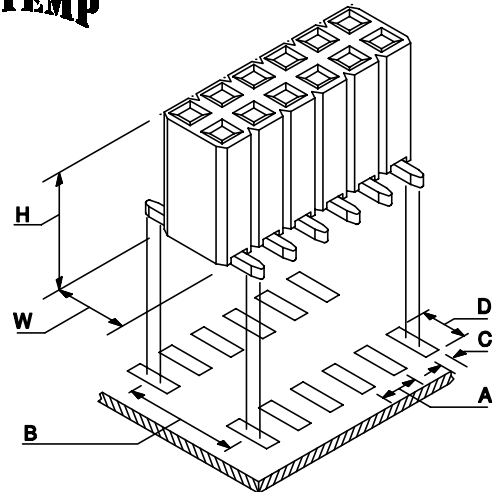
## MATERIALS

INSULATOR BODY	Liquid Crystal Polymer (UL 94V-O)
CONTACT	Phosphor Bronze

See SPECIFICATIONS and PERFORMANCE DATA for more detail

*DUAL ROW (4 to 100 Positions)*

**HI-TEMP**



Features TUNING FORK Contacts

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

**2,0mm (0.079 in.) Centers  
To Mate With 0,50mm (0.020 in.)  
Square Posts**

**HOW TO ORDER CRANE'S AMT SERIES**

**STANDARD PART NUMBER**

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<b>PRODUCT SERIES</b>	AMT							
<b>TOTAL NUMBER OF POSITIONS</b>	DUAL	04-100						
<b>NUMBER OF ROWS</b>	DUAL		D					
<b>TYPE OF SOCKET</b>	STRAIGHT			S				
<b>CONTACT PLATING (See Specifications Sheet)</b>	G, or H, F							
	NOTE: Some platings may be subject to minimums.							
<b>TAIL PLATING</b>	TIN / LEAD							T
<b>TAIL STYLE</b>	SURFACE MOUNT							S


**COMMON DECIMAL EQUIVALENTS**

Decimal (in)	Metric (mm)	Decimal (in)	Metric (mm)	Decimal (in)	Metric (mm)
0.001	0,03	0.079	2,00	0.400	10,16
0.005	0,13	0.100	2,54	0.500	12,70
0.010	0,25	0.120	3,05	0.600	15,24
0.015	0,38	0.125	3,18	0.625	15,88
0.020	0,51	0.150	3,81	0.750	19,05
0.025	0,64	0.175	4,45	0.875	22,23
0.030	0,76	0.200	5,08	0.900	22,86
0.050	1,27	0.250	6,35	1.000	25,40
0.075	1,91	0.300	7,62	1.250	31,75

**Multiply inches by 25.4 to get millimeters. Divide millimeters by 25.4 to get inches.**

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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.

<p>ISO9001</p>  <p>Crane Connectors File No. A-3620</p>
<p>Registered by UL to ISO9001 under UL's accreditation by Raad voor de Certificatie (RvC), the Dutch Council for Certification.</p>

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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