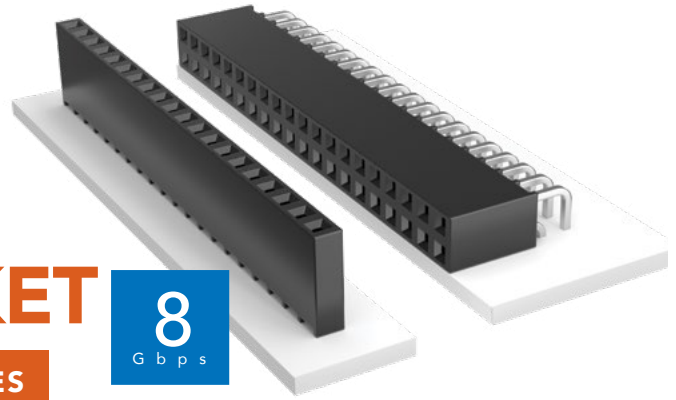




# THROUGH-HOLE .025" SQ POST SOCKET



(2.54 mm) .100" PITCH • A-SSW/A-SSQ SERIES

## A-SSW/A-SSQ

**Mates:**  
A-TSW, A-MTSW,  
A-TSS, A-HTSS,  
A-ZSS, A-TSM



SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	TAIL OPTION
A-SSW		01 thru 50	Specify LEAD STYLE from chart	-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail	-S = Single Row	Leave blank for straight pin version
A-SSQ				-T = Matte Tin (-T N/A on LIF contacts)	-D = Double Row	-RA = Right-angle (-S & -D only)
					-T = Triple Row	

## SPECIFICATIONS

**Insulator Material:**  
Black Liquid Crystal Polymer (-S & -D) or  
Black High Temperature Thermoplastic (-T)

**Contact Material:**  
Phosphor Bronze

**Plating:**

Au or Sn over 50 μ" (1.27 μm) Ni

**Current Rating (A-SSW/A-TSM):**

4.7 A per pin  
(2 pins powered)

**Current Rating (A-SSQ/A-TSW):**

6.3 A per pin  
(2 pins powered)

**Operating Temp Range:**

-55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

**Insertion Depth:**

(3.68 mm) .145" to

(6.35 mm) .250"

**Normal Force:**

Standard= 125 grams (4.4 N)

**Max Cycles:**

100 with 10 μ" (0.25 μm) Au

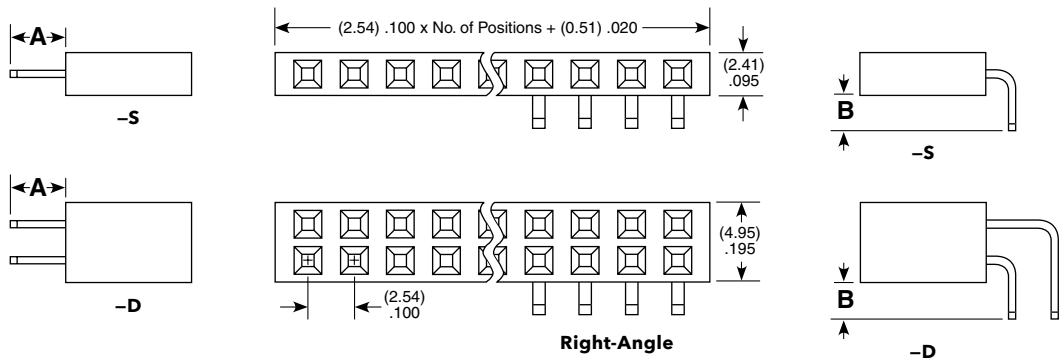
**Voltage Rating:**

465 VAC / 655 VDC

THROUGH-HOLE		
LEAD STYLE		SINGLE DOUBLE OR TRIPLE A
Standard Insertion Force	Low Insertion Force*	
-01	-21	(2.64) .104
-02	-22	(4.93) .194
-03	-24	(10.00) .394
-04	-24	(14.83) .584
-06**	N/A	(3.15) .124

\* LIF not available with Tin Plating

\*\*Style -06 Not available with A-SSQ



## PROCESSING

**Lead-Free Solderable:**

Yes:

-S and -D row option

No, Lead Wave only:

-T row option

## Note:

Some lengths, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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