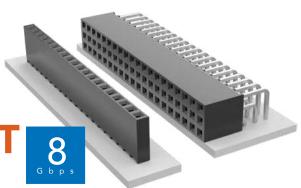


# THROUGH-HOLE **025" SQ POST SOCKET**

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



#### SSW/SSQ

#### Mates:

TSW, MTSW, MTLW, DW, EW, ZW, TSS, ZSS, TSM, TSSH, HTSS

#### **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 (SSW/TSM):
47 A per pin

4.7 A per pin

(2 pins powered)
Current Rating (SSQ/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"

Max Cycles: 100 with 10 μ" (0.25 μm) Au **Voltage Rating:** 465 VAC / 655 VDC

### **PROCESSING**

#### Lead-Free Solderable:

Yes: -S and -D row option No, Lead Wave only: -P, -T and -Q row option

#### LEAD NO. PINS **SERIES** PER ROW STYLE

(2.54) .100 x No. of Positions + (0.51) .020

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(4.95) .195

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**SSW** 01 thru 50 = Solder

SSQ = Square Tail

Tail

# **PLATING OPTION**

Specify LEAD -F = Gold flash **STYLE** on contact, Matte Tin on tail from

chart

= 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail

**-G** = 20 μ" (0.51 μm) Gold on contact, Gold flash on tail

> -Т = Matte Tin (-T N/A on LIF contacts)

#### **ROW** OPTION

# -S = Single Row

-P = Single Row (36 pins max

-D = Double Row

= Triple Row

Q-= Double Row .200" (5.08 mm) row space (outer rows filled only)

#### TAIL OPTION

# OPTION

Leave blank for straight pin version)

-RA = Rightangle

-LL = Locking Lead Available on tails from (2.29 mm) .090" to (7.87 mm) .310" only. Not Available with single row 1 or 2 positions)

"XXX" = Polarized (Specify "XXX" as position number)

THROUGH-HOLE					
LEAD STYLE		SINGLE			
Standard Insertion		DOUBLE OR TRIPLE			
Force	Force*	A			
-01	-21	(2.64) .104			
-02	-22	(4.93) .194			
-03	-24	(10.00) .394			

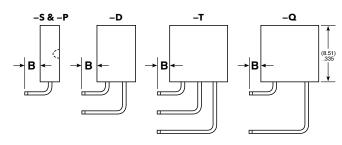
#### -04 -24 (14.83) .584 -06\*\* N/A (3.15) .124 \* LIF not available with Tin Plating $\square$ 岡 冈 回 M \*\*Style -06 Not available with SSQ M 回 (7.49) .295 \_T $\square$ 回 回 岡 M M -S & −P -D -Q (8.51) 72 I (7.49) .295 À Ą 冈 M 岡 冈 **Straight Pin Versions** Through-hole Right-angle

RIGHT-ANGLE					
LEAD STYLE		SINGLE	DOUBLE	TRIPLE	
Standard Insertion	Low Insertion	(–S )	(-D)	(-T & -Q)	
Force	Force*	В	В	В	
-02	-22	(2.54) .100	(2.54) .100	(2.54) .100	
-03	-23	(7.62) .300	(7.62) .300	N/A	
-04	-24	(12.45) .490	N/A	N/A	

<sup>\*</sup>LIF not available with Tin Plating

#### Note:

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



**Right-angle Versions**