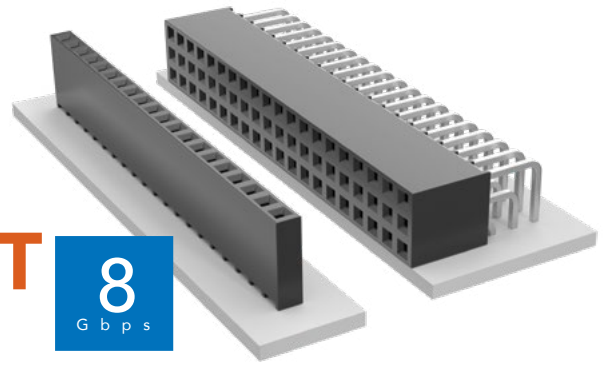


THROUGH-HOLE .025" SQ POST SOCKET

(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):

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:

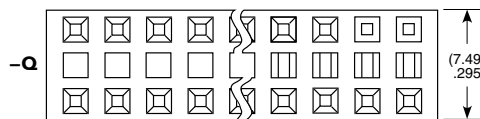
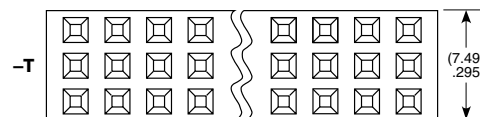
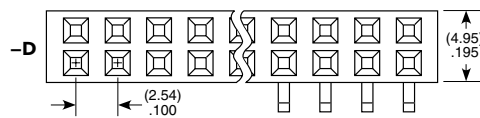
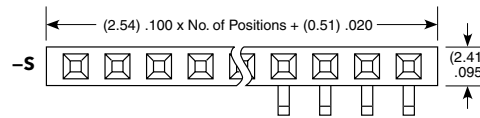
Yes:

-S and -D row option

No, Lead Wave only:

-P, -T and -Q row option

SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	TAIL OPTION	OTHER OPTION
SSW = Solder Tail		01 thru 50	Specify LEAD STYLE from chart	-F = Gold flash on contact, Matte Tin on tail	-S = Single Row	Leave blank for straight pin version)	-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)
SSQ = Square Tail				-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail	-P = Single Row (36 pins max)	-RA = Right-angle	"XXX" = Polarized (Specify "XXX" as position number)
				-G = 20 μ" (0.51 μm) Gold on contact, Gold flash on tail	-D = Double Row		
				-T = Matte Tin (-T N/A on LIF contacts)	-T = Triple Row		
					-Q = Double Row .200" (5.08 mm) row space (outer rows filled only)		

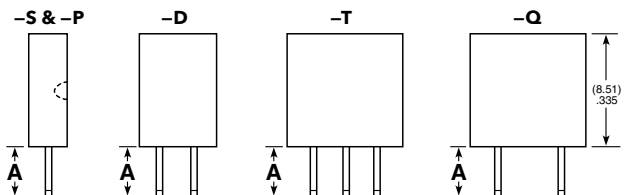


Through-hole
Right-angle

THROUGH-HOLE		
Standard Insertion Force	Low Insertion Force*	SINGLE DOUBLE OR TRIPLE
		A
-01	-21	(2.64) .104
-02	-22	(4.93) .194
-03	-23	(10.00) .394
-04	-24	(14.83) .584
-06**	N/A	(3.15) .124

* LIF not available with Tin Plating

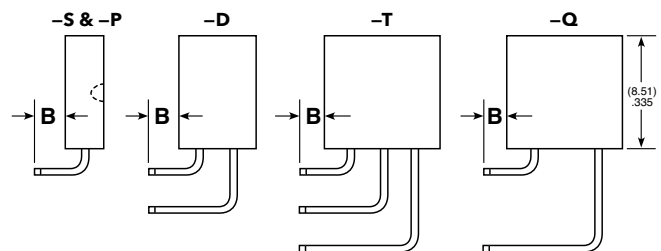
**Style -06 Not available with SSQ



Straight Pin Versions

RIGHT-ANGLE				
LEAD STYLE		SINGLE	DOUBLE	TRIPLE
Standard Insertion Force	Low Insertion Force*	(-S) B	(-D) B	(-T & -Q) B
-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

*LIF not available with Tin Plating



Right-angle Versions

Note:

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

Mouser Electronics

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[SSQ-105-02-G-D-RA](#) [SSQ-105-01-S-D](#) [SSQ-112-01-G-D](#) [SSQ-105-01-G-S](#) [SSQ-106-01-G-S](#) [SSQ-110-01-S-D](#)
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[G-D](#) [SSQ-110-03-G-S](#) [SSQ-110-01-F-D](#) [SSQ-104-03-G-D](#) [SSQ-105-02-T-D-RA](#) [SSQ-105-02-S-D-RA](#) [SSQ-103-02-](#)
[T-D](#) [SSQ-105-02-S-S](#) [SSQ-109-01-G-D](#) [SSQ-110-01-T-S](#) [SSQ-105-01-F-D](#) [SSQ-105-01-S-D-LL](#) [SSQ-108-23-G-D](#)
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[SSQ-105-21-G-D](#) [SSQ-102-01-S-D](#) [SSQ-120-03-F-S](#) [SSQ-110-03-G-D](#) [SSQ-126-02-T-D](#) [SSQ-109-02-G-S-RA](#) [SSQ-](#)
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[G-D](#) [SSQ-108-21-G-D](#) [SSQ-106-02-S-D-RA](#) [SSQ-106-03-S-D](#) [SSQ-107-01-T-D](#) [SSQ-103-01-G-D](#) [SSQ-110-04-F-S](#)
[SSQ-110-23-F-S](#) [SSQ-114-04-G-D](#) [SSQ-108-02-S-D-RA](#) [SSQ-132-02-S-D](#) [SSQ-107-02-G-D-RA](#) [SSQ-116-02-T-S](#)
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