

THROUGH-HOLE .025" SQ POST SOCKET

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

8
G b p s

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 μ m) 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 μ m) 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
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SSW
= Solder
Tail

01 thru 50

Specify
LEAD
STYLE
from
chart

-F
= Gold flash
on contact,
Matte Tin on tail

-L
= 10 μ " (0.25 μ m)
Gold on contact,
Matte Tin on tail

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

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

-S
= Single Row

-P
= Single Row
(36 pins max)

-D
= Double Row

-T
= Triple Row

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

Leave blank
for straight
pin version)

-RA
= Right-
angle

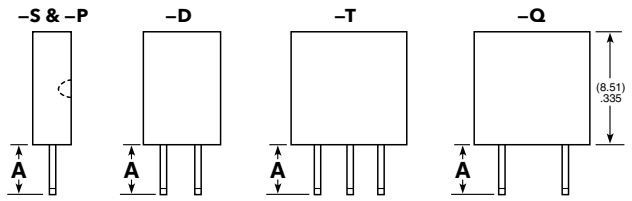
-LL
= Locking
Lead
Available
on tails from
(2.29 mm)
.090" to
(7.87 mm)
.310" only.
Not Available
with single
row 1 or 2
positions)

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



Through-hole

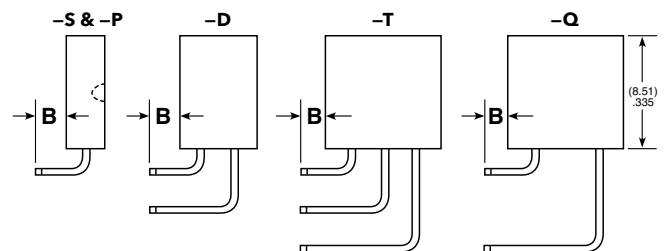
Right-angle



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

Authorized Distributor

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[Samtec:](#)

[SSW-106-06-L-D-LL](#) [SSW-110-01-G-T-LL](#) [SSW-123-02-F-D-LL](#) [SSW-104-02-G-D-RA-004](#) [SSW-112-02-F-S-LL](#)
[SSW-111-03-L-S](#) [SSW-105-02-L-D-RA-001](#) [SSW-116-02-F-S-LL](#) [SSW-105-22-STL-D-VS-K-TR](#) [SSW-148-24-L-D](#)
[SSW-132-02-G-D-RA-N](#) [SSW-130-02-F-D-LL](#) [SSW-109-02-STL-D](#) [SSW-107-23-L-D-RA-006](#) [SSW-116-03-F-S-LL](#)
[SSW-111-22-L-D-VS-P-TR](#) [SSW-111-06-G-D-001](#) [SSW-109-01-G-S-LL-001](#) [SSW-124-01-STL-D](#) [SSW-117-02-STL-T](#)
[SSW-115-01-STL-S](#) [SSW-110-02-G-D-RA-N-020](#) [SSW-130-23-L-D](#) [SSW-119-22-L-D-VS-P-TR](#) [SSW-107-22-S-D-N](#)
[SSW-140-01-G-S-LL](#) [SSW-107-04-L-D-N](#) [SSW-112-02-G-D-RA-N-021](#) [SSW-104-22-H-D-VS-K-TR](#) [SSW-119-03-G-](#)
[S-009](#) [SSW-146-01-L-S](#) [SSW-116-22-L-D-VS-K-TR](#) [SSW-105-23-L-D-RA-004](#) [SSW-108-04-G-S-RA-LL](#) [SSW-113-](#)
[22-H-D-VS-K](#) [SSW-117-02-STL-D](#) [SSW-107-01-G-S-006](#) [SSW-128-01-G-T-LL](#) [SSW-110-22-STL-D-VS-TR](#) [SSW-](#)
[117-01-F-S-017](#) [SSW-112-03-F-S-LL](#) [SSW-120-02-STL-T](#) [SSW-115-02-STL-T](#) [SSW-111-02-G-D-001](#) [SSW-115-03-](#)
[G-S-007](#) [SSQ-112-03-H-D-LL](#) [SSW-119-22-L-D-VS-P-FR](#) [SSW-109-22-L-D-VS-P-FR](#) [SSQ-136-21-L-S](#) [SSQ-120-02-](#)
[G-D-002](#) [SSW-114-22-S-D-VS-FR](#) [SSQ-147-02-G-T](#) [SSQ-112-03-G-S-RA-011](#) [SSQ-101-02-L-T-RA](#) [SSW-107-03-L-](#)
[S-RA](#) [SSQ-110-03-H-D-LL](#) [SSQ-117-01-G-D-034](#) [SSQ-108-24-F-T](#) [SSQ-117-03-G-D-LL](#) [SSQ-107-24-G-S-RA](#) [SSW-](#)
[115-22-L-S-VS-FR](#) [SSW-111-22-L-D-VS-P-FR](#) [SSW-105-22-STL-D-VS-K-FR](#) [SSW-116-22-L-D-VS-K-FR](#) [SSQ-116-](#)
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[RA](#) [SSQ-125-01-STL-T](#) [SSW-119-22-L-D-VS-K-FR](#)