CONTACT

# THROUGH-HOLE .025"SQ POSTSOCKET 

( 2.54 mm ) . $100^{\prime \prime}$ 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
$50 \mu^{\prime \prime}(1.27 \mu \mathrm{~m}) \mathrm{Ni}$
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:
$-55^{\circ} \mathrm{C}$ to $+125^{\circ} \mathrm{C}$ with Gold
$-55^{\circ} \mathrm{C}$ to $+105^{\circ} \mathrm{C}$ with Tin
Insertion Depth:
$(3.68 \mathrm{~mm}) .145^{\prime \prime}$ to
$(6.35 \mathrm{~mm}) .250$
Max Cycles:
100 with $10 \mu$ " $(0.25 \mu \mathrm{~m}) \mathrm{Au}$
Voltage Rating:
465 VAC / 655 VDC

## PROCESSING

Lead-Free Solderable: Yes:
-S and -D row option
-S and Lead Wave only: No, Lead Wave only:


| RIGHT-ANGLE |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| LEAD STYLE |  | SINGLE (-S ) <br> B | DOUBLE (-D ) <br> B | TRIPLE $(-\mathrm{T} \&-\mathrm{Q})$ <br> B |
| Standard Insertion Force | Low Insertion Force* |  |  |  |
| -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 |

## Note:

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


Right-angle Versions

# Mouser Electronics 

Authorized Distributor

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Samtec:

SSQ-108-01-S-D SSQ-110-01-G-D SSQ-132-01-G-D SSQ-104-01-G-D SSQ-117-01-G-D SSQ-108-01-S-D-LL 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 SSQ-105-01-T-D SSQ-120-02-G-D SSQ-132-02-G-D SSQ-135-02-T-D SSQ-105-03-G-D SSQ-108-01-G-D SSQ-120-01-T-D SSQ-110-01-T-D SSQ-112-02-G-D SSQ-115-01-G-S SSQ-120-01-G-D SSQ-110-03-S-D SSQ-106-01-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 SSQ-110-02-G-D SSQ-104-02-G-S SSQ-105-02-S-D-LL SSQ-105-03-S-D SSQ-110-01-G-S SSQ-111-01-G-D-010 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-124-01-G-S SSQ-111-02-S-D-RA SSQ-126-01-G-T SSQ-110-23-F-D SSQ-118-02-G-S SSQ-123-23-G-D-LL SSQ-117-04-G-D SSQ-118-01-G-D SSQ-121-02-T-D SSQ-133-22-S-D SSQ-107-01-G-D SSQ-103-01-F-S SSQ-106-02-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 SSQ-113-23-G-D SSQ-116-01-S-D SSQ-111-21-G-D SSQ-117-02-G-D SSQ-120-22-G-D SSQ-120-01-S-D SSQ-127-21-G-D SSQ-114-02-G-S-RA SSQ-134-01-G-S SSQ-102-04-G-S SSQ-105-01-S-S-LL SSQ-106-01-L-D SSQ-107-02-G-S SSQ-101-01-G-S SSQ-102-03-G-S SSQ-105-02-S-S-RA SSQ-104-01-T-D SSQ-107-03-T-D SSQ-108-04-G-S SSQ-102-03-G-D SSQ-104-01-S-D SSQ-110-02-S-D-RA SSQ-107-01-L-D SSQ-113-03-T-D SSQ-105-02-TD SSQ-108-02-S-S-RA

