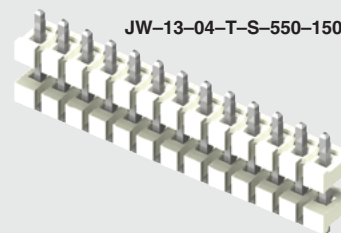


FWJ-05-02-T-S-RA



JW-13-04-T-S-550-150

## FWJ, HFWJ, JW SERIES

# POWER HEADERS & BOARD STACKERS

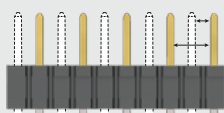
## SPECIFICATIONS

**RoHS Compliant:**  
Yes

## RECOGNITIONS

**UL**  
FILE NO. E111594

## CREEPAGE AND CLEARANCE



Selectively loading contacts achieves customer specific creepage and clearance requirements.  
Contact [asp@samtec.com](mailto:asp@samtec.com)

TYPE  
STRIP

NO. OF  
PINS

LEAD  
STYLE

PLATING  
OPTION

S

OTHER  
OPTION

**FWJ**  
= Standard Header

**HFJW**  
= High Temp Header

**—T**  
= Matte Tin

Leave blank for Through-hole

**Specify LEAD STYLE from chart below.**

| LEAD STYLE   | A               | B               | C               | D              | E               | F              |
|--------------|-----------------|-----------------|-----------------|----------------|-----------------|----------------|
| <b>-01</b>   | (11.43)<br>.450 | (4.45)<br>.175  | (10.46)<br>.412 | —              | —               | —              |
| <b>-02</b>   | (12.70)<br>.500 | —               | (11.73)<br>.462 | (4.45)<br>.175 | (8.13)<br>.320  | (2.54)<br>.100 |
| <b>-04</b>   | (20.55)<br>.809 | (3.96)<br>.156  | (19.10)<br>.752 | (3.96)<br>.156 | (13.56)<br>.534 | (4.95)<br>.195 |
| <b>* -05</b> | (3.81)<br>.150  | (12.07)<br>.475 | —               | —              | —               | —              |

\*FWJ Only

**01 thru 24**

No. of Positions x (3.96) .156

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

**—RA**  
= Right-angle (Style -02 & -04 only)

**—VS**  
= Surface Mount Requires HFJW (2 pins/row minimum) Style -05 not available.

**—P**  
= Pick & Place Pad (3 Pos. min., (6.98 mm) .275" min. post height (-VS only))

**JW** — **NO. OF PINS** — **04** — **PLATING OPTION** — **S** — **STACK HEIGHT** — **POST HEIGHT** — **OTHER OPTION**

**Note:**  
This Series is non-standard, non-returnable.

**—T**  
= Matte Tin

**—“XXX”**  
= Stacker Height  
(in inches) (0.13 mm) .005" increments  
Example: ~250 = (6.35 mm) .250"

**—VS**  
= Surface Mount  
(2 pins/row minimum)

**—“XXX”**  
= Post Height  
(in inches)

**—P**  
= Pick & Place Pad  
(3 Pos. min.)  
(6.98 mm) .275" min.  
post height (—VS only)

**02 thru 24**

Diagram showing dimensions for the 02 thru 24 pin connector:

- POST HEIGHT (0.00) .000 MIN
- STACK HEIGHT (29.21) 1.15 MAX WITH (0.00) .000 POST (8.89) .350 MIN
- (3.96) .156 TYP
- (3.18) .125
- STACK HEIGHT (27.43) 1.08 MAX (6.35) .250 MIN
- (31.75) 1.25 MAX
- (2.29) .090
- (1.14) .045 SQ

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

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*All parts within this catalog are built to Samtec's specifications.*

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Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.*