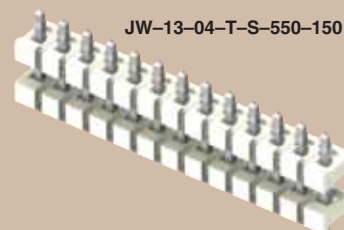


FWJ-08-01-T-S



FWJ-05-02-T-S-RA



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

(3,96 mm) .156"

FWJ, HFWJ, JW SERIES

# POWER HEADERS & BOARD STACKERS

Mates with:  
FHP

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?FWJ](http://www.samtec.com?FWJ) or [www.samtec.com?HFWJ](http://www.samtec.com?HFWJ)

### Insulator Material:

FWJ = Black Glass Filled Polyester  
HFWJ = Natural Liquid Crystal Polymer

### Terminal Material:

Phosphor Bronze

### Plating:

Sn over 50µ" (1,27 µm) Ni

### Operating Temp Range:

-55°C to +105°C

### RoHS Compliant:

Yes

### Lead-Free Solderable:

Wave only

### Processing:

Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

(0,20 mm) .008" max (02-16)

(0,25 mm) .010" max (17-24)

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

TYPE STRIP

NO. OF PINS

LEAD STYLE

PLATING OPTION

S

OTHER OPTION

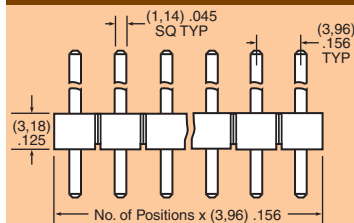
FWJ  
= Standard HeaderHFWJ  
= High Temp Header

| FHP/HFWJ |                              |
|----------|------------------------------|
| PINS     | CURRENT RATING (PER CONTACT) |
| 1        | 13.1 A                       |
| 2        | 11.2 A                       |
| 3        | 10.3 A                       |
| 4        | 9.2 A                        |
| ALL      | 6.7 A                        |

-T  
= Matte Tin

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

01 thru 24



Specify LEAD STYLE from chart below.

| LEAD STYLE | A            | B            | LEAD STYLE | C            | LEAD STYLE | D           | E            | F           |
|------------|--------------|--------------|------------|--------------|------------|-------------|--------------|-------------|
| -01        | (11,43) .450 | (4,45) .175  | -01        | (10,46) .412 | -01        | (4,45) .175 | (8,13) .320  | (2,54) .100 |
| -02        | (12,70) .500 |              | -02        | (11,73) .462 | -02        | (3,96) .156 | (13,56) .534 | (4,95) .195 |
| -04        | (20,55) .809 | (3,96) .156  | -04        | (19,10) .752 | -04        |             |              |             |
| *-05       | (3,81) .150  | (12,07) .475 |            |              |            |             |              |             |

\*FWJ Only

Leave blank for Through-hole

-RA  
= Right Angle (Style -02 & -04 only)

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

-P  
= Pick & Place Pad (3 Pos. min.) (6,98 mm) .275" min. post height (-VS only)

Mates with:  
FHP

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?JW](http://www.samtec.com?JW)

### Insulator Material:

Natural Liquid Crystal Polymer

### Terminal Material:

Phosphor Bronze

### Plating:

Sn over 50µ" (1,27 µm) Ni

### RoHS Compliant:

Yes

### Processing:

Lead-Free Solderable: Yes

### SMT Lead Coplanarity:

(0,20 mm) .008" max (02-16)

(0,25 mm) .010" max (17-24)

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

JW

NO. OF PINS

04

PLATING OPTION

S

STACK HEIGHT

POST HEIGHT

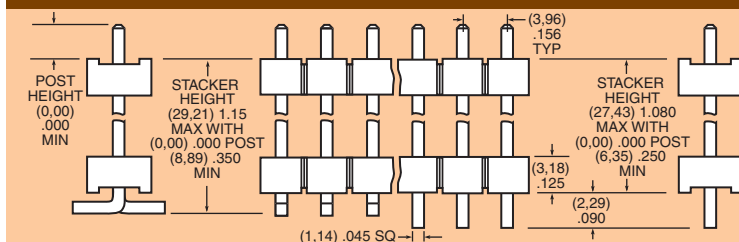
OTHER OPTION

-T  
= Matte Tin

-“XXX”  
= Stacker Height (in inches) (0,13 mm) .005" increments  
Example: -250 = (6,35 mm) .250"

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

02 thru 24



-“XXX”  
= Post Height (in inches)

Leave blank for Through-hole

-VS  
= Surface Mount (2 pins/row minimum)

-P  
= Pick & Place Pad (3 Pos. min.) (6,98 mm) .275" min. post height (-VS only)

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

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