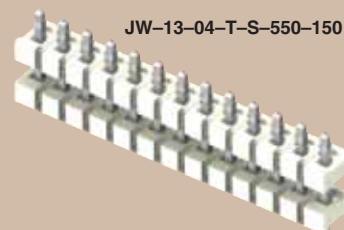


FWJ-08-01-T-S



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  
STRIPNO. OF  
PINSLEAD  
STYLEPLATING  
OPTION

S

OTHER  
OPTIONFWJ  
= Standard  
HeaderHFWJ  
= High Temp  
Header

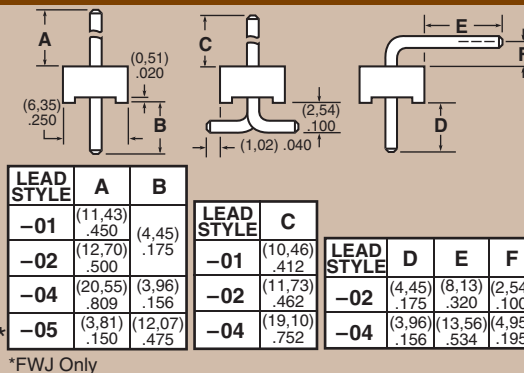
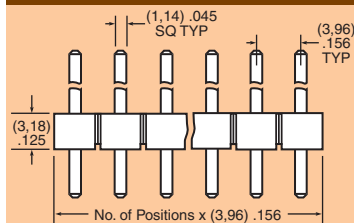
| FHP/HFWJ |                                 |
|----------|---------------------------------|
| PINS     | CURRENT RATING<br>(PER CONTACT) |
| 1        | 13.1 A                          |
| 2        | 11.2 A                          |
| 3        | 10.3 A                          |
| 4        | 9.2 A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

-T  
= Matte Tin

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

Specify LEAD STYLE from chart below.

01 thru 24



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  
HEIGHTPOST  
HEIGHTOTHER  
OPTION-T  
= Matte Tin

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

-“XXX”  
= Post Height  
(in inches)

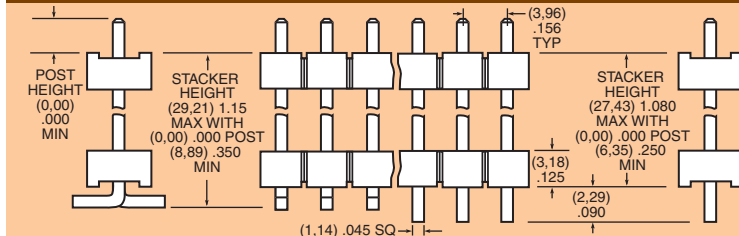
Leave blank for Through-hole

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

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

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

02 thru 24



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

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