

FWJ-08-01-T-S



FWJ-05-02-T-S-RA

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

FWJ, HFWJ, JW SERIES

(3,96 mm) .156"

# 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                           |

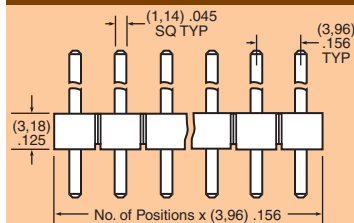
-T  
= Matte TinLeave  
blank for  
Through-hole-RA  
= Right Angle  
(Style -02 &  
-04 only)

-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)

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

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"

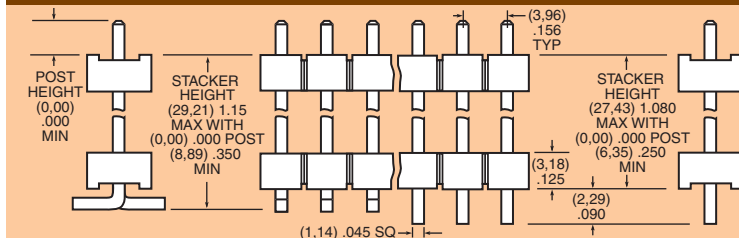
Leave  
blank for  
Through-hole

-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



-“XXX”  
= Post Height  
(in inches)

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

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