

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, www.samtec.com?HFWJ or www.samtec.com?JW

Insulator Material:

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

Terminal Material:

Phosphor Bronze

Plating:

Sn over 50 μ m (1.27 μ m) Ni

Operating Temp Range:

-55 °C to +105 °C

Voltage Rating:

600 VAC/845 VDC

Standard Creepage:

FWJ: (2.82 mm) .111"

HFWJ, JW: (3.92 mm) .154"

Standard Clearance:

(2.82 mm) .111

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

FWJ = No, Lead Wave only

HFWJ, JW = Yes

SMT Lead Coplanarity:

(0.20 mm) .008" max (02-16)*

(0.25 mm) .010" max (17-24)*

*(.004" stencil solution

may be available; contact

IPG@samtec.com)

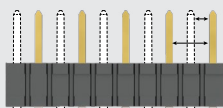
RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

CREEPAGE AND CLEARANCE



Selectively loading contacts achieves customer specific creepage and clearance requirements.
Contact asp@samtec.com

TYPE STRIP	NO. OF PINS	LEAD STYLE	PLATING OPTION	S	OTHER OPTION																																
FWJ = Standard Header	<table border="1"> <thead> <tr> <th colspan="2">FHP/HFWJ</th> </tr> <tr> <th>PINS</th> <th>CURRENT RATING (PER CONTACT)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>13.1 A</td> </tr> <tr> <td>2</td> <td>11.2 A</td> </tr> <tr> <td>3</td> <td>10.3 A</td> </tr> <tr> <td>4</td> <td>9.2 A</td> </tr> <tr> <td>24</td> <td>6.7 A</td> </tr> </tbody> </table>	FHP/HFWJ		PINS	CURRENT RATING (PER CONTACT)	1	13.1 A	2	11.2 A	3	10.3 A	4	9.2 A	24	6.7 A	-T = Matte Tin	-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)																		
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Note: Some lengths, styles and options are non-standard, non-returnable.

01 thru 24

No. of Positions x (3.96) .156

*FWJ Only

JW	NO. OF PINS	04	PLATING OPTION	S	STACK HEIGHT	POST HEIGHT	OTHER OPTION
JW	04	-T = Matte Tin	-“XXX” = Stacker Height (in inches) (0.13 mm) .005" increments Example: -250 = (6.35 mm) .250"	S	-“XXX” = Post Height (in inches)	-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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Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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