

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

FWJ-08-01-T-S

FWJ-05-02-T-S-RA

(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

**Processing:**  
**Lead-Free Solderable:**  
FWJ = Wave only  
HFWJ = 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)



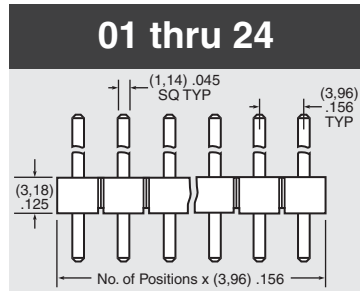
TYPE STRIP	NO. OF PINS	LEAD STYLE	PLATING OPTION	S	OTHER OPTION														
FWJ = Standard Header	<table border="1"> <thead> <tr> <th colspan="2">FHP/HFWJ</th> </tr> <tr> <th>PINS</th> <th>CURRENT RATING (PER CONTACT)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>13.1 A</td> </tr> <tr> <td>2</td> <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>ALL</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	ALL	6.7 A	-T = Matte Tin			Leave blank for Through-hole
FHP/HFWJ																			
PINS	CURRENT RATING (PER CONTACT)																		
1	13.1 A																		
2	11.2 A																		
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ALL	6.7 A																		
HFWJ = High Temp Header					-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)														

**Specify LEAD STYLE from chart below.**

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

\*FWJ Only

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



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

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JW	NO. OF PINS	04	PLATING OPTION	S	STACK HEIGHT	POST HEIGHT	OTHER OPTION
			-T = Matte Tin		-“XXX” = Stacker Height (in inches) .005" increments Example: -250 = (6,35 mm) .250"		Leave blank for Through-hole
						-“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)

**02 thru 24**