



(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 or 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



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																		
3	10.3 A																		
4	9.2 A																		
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	LEAD STYLE	C	LEAD STYLE	D	E	F
-01	(11,43) .450	(4,45) .175	-01	(10,46) .412	-02	(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	(3,96) .156		
-05	(3,81) .150	(12,07) .475						

*FWJ Only

01 thru 24

No. of Positions x (3,96) .156

Mates with:
FHP

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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



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"		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

(1,14) .045 SQ TYP

POST HEIGHT (0,00) .000 MIN

STACKER HEIGHT (29,21) 1.15 MAX WITH (0,00) .000 POST (8,89) .350 MIN

STACKER HEIGHT (27,43) 1.080 MAX WITH (0,00) .000 POST (6,35) .250 MIN

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

WWW.SAMTEC.COM