

(3,96mm) .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

FWJ

Insulator Material:
Black Glass Filled Polyester

Terminal Material:
Phosphor Bronze

Plating:
Sn over 50µ" (1,27µm) Ni

Operating Temp Range:
-55°C to +105°C

RoHS Compliant: Yes

Lead-Free Solderable: Wave only

HFWJ

For complete specifications and recommend PCB layouts see www.samtec.com?HFWJ

Same as FWJ except:
Insulator Material:
Natural Liquid Crystal Polymer

Processing:

Max Processing Temp:
230°C for 60 seconds,
or 260°C for 20 seconds 3x

Lead-Free Solderable: Yes

SMT Lead Coplanarity:
(0,20mm) .008" max (02-16)
(0,25mm) .010" max (17-24)



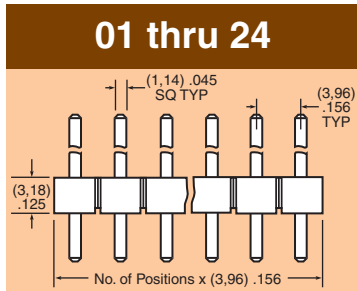
TYPE STRIP	NO. OF PINS	LEAD STYLE	PLATING OPTION	S	OTHER OPTION																				
FWJ = Standard Header	<table border="1"> <thead> <tr> <th colspan="3">CURRENT RATING</th> </tr> <tr> <th>AMBIENT TEMP</th> <th colspan="2">FHP/HFWJ</th> </tr> <tr> <th></th> <th>2 PINS</th> <th>4 PINS</th> </tr> </thead> <tbody> <tr> <td>20°C</td> <td>19.5A</td> <td>15.5A</td> </tr> <tr> <td>40°C</td> <td>17A</td> <td>14A</td> </tr> <tr> <td>60°C</td> <td>14A</td> <td>11.5A</td> </tr> <tr> <td>75°C</td> <td>11.2A</td> <td>9.2A</td> </tr> </tbody> </table>	CURRENT RATING			AMBIENT TEMP	FHP/HFWJ			2 PINS	4 PINS	20°C	19.5A	15.5A	40°C	17A	14A	60°C	14A	11.5A	75°C	11.2A	9.2A	-T = Matte Tin		<p>Leave blank for Through-hole</p> <p>-RA = Right Angle (Style -02 & -04 only)</p> <p>-VS = Surface Mount Requires HFWJ (2 pins/row minimum) Style -05 not available.</p> <p>-P = Pick & Place Pad (3 Pos. min.) (6,98mm) .275" min. post height (-VS only)</p>
CURRENT RATING																									
AMBIENT TEMP	FHP/HFWJ																								
	2 PINS	4 PINS																							
20°C	19.5A	15.5A																							
40°C	17A	14A																							
60°C	14A	11.5A																							
75°C	11.2A	9.2A																							
HFWJ = High Temp Header																									

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

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	(13,56) .534	(4,95) .195
*-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

Insulator Material:
Natural Liquid Crystal Polymer

Terminal Material:
Phosphor Bronze

Plating:
Sn over 50µ" (1,27µm) Ni

RoHS Compliant: Yes

Processing:

Max Processing Temp:
230°C for 60 seconds,
or 260°C for 20 seconds 3x

Lead-Free Solderable: Yes

SMT Lead Coplanarity:
(0,20mm) .008" max (02-16)
(0,25mm) .010" max (17-24)



JW	NO. ROW	04	PLATING OPTION	S	STACK HEIGHT	POST HEIGHT	OTHER OPTION
			-T = Matte Tin		- "XXX" = Stacker Height (in inches) (0,13mm) .005" increments Example: -250 = (6,35mm) .250"		<p>Leave blank for Through-hole</p> <p>-VS = Surface Mount (2 pins/row minimum)</p> <p>-P = Pick & Place Pad (3 Pos. min.) (6,98mm) .275" min. post height (-VS only)</p>

02 thru 24

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

WWW.SAMTEC.COM