



(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	<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>A</th> <th>B</th> <th>LEAD STYLE</th> <th>C</th> <th>LEAD STYLE</th> <th>D</th> <th>E</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>-01</td> <td>(11,43) .450</td> <td>(4,45) .175</td> <td>-01</td> <td>(10,46) .412</td> <td>-02</td> <td>(4,45) .175</td> <td>(8,13) .320</td> <td>(2,54) .100</td> </tr> <tr> <td>-02</td> <td>(12,70) .500</td> <td>(3,96) .156</td> <td>-02</td> <td>(11,73) .462</td> <td>-02</td> <td>(3,96) .156</td> <td>(13,56) .534</td> <td>(4,95) .195</td> </tr> <tr> <td>-04</td> <td>(20,55) .809</td> <td>(12,07) .475</td> <td>-04</td> <td>(19,10) .752</td> <td>-04</td> <td>(19,10) .752</td> <td>(19,10) .752</td> <td>(19,10) .752</td> </tr> <tr> <td>-05</td> <td>(3,81) .150</td> <td>(12,07) .475</td> <td>-05</td> <td>(12,07) .475</td> <td>-05</td> <td>(12,07) .475</td> <td>(12,07) .475</td> <td>(12,07) .475</td> </tr> </tbody> </table>	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	(3,96) .156	-02	(11,73) .462	-02	(3,96) .156	(13,56) .534	(4,95) .195	-04	(20,55) .809	(12,07) .475	-04	(19,10) .752	-04	(19,10) .752	(19,10) .752	(19,10) .752	-05	(3,81) .150	(12,07) .475	-05	(12,07) .475	-05	(12,07) .475	(12,07) .475	(12,07) .475	-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.) (6,98 mm) .275" min. post height (-VS only)</p>
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HFWJ = High Temp Header																																																																

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

Specify LEAD STYLE from chart below.

01 thru 24

*FWJ Only

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FHP

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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) (0,13 mm) .005" increments Example: -250 = (6,35 mm) .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.) (6,98 mm) .275" min. post height (-VS only)</p>
						- "XXX" = Post Height (in inches)	

02 thru 24

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