

(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 μm (1.27 μm)

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)*

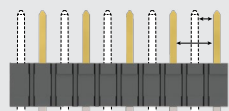
*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

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



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	-	Leave blank for Through-hole -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)
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																	
HFWJ = High Temp Header																		

Specify LEAD STYLE from chart below.

LEAD STYLE	A	B	C	D	E	F
-01	(11.43) .450	(4.45)	(10.46) .412			
-02	(12.70) .500	.175	(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

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 -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

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Power to the Board](#) category:

Click to view products by [Samtec](#) manufacturer:

Other Similar products are found below :

[6450552-7](#) [6643429-1](#) [6646040-2](#) [6766604-1](#) [120959-1](#) [1393557-2](#) [1393532-2](#) [1393532-3](#) [1393532-4](#) [1393557-1](#) [1744132-7](#) [1766250-1](#)
[1892109-1](#) [1-6450850-6](#) [1-6450869-6](#) [1645526-2](#) [2005243-2](#) [377-0020-11130](#) [MC116N](#) [TE34-12-16P-F0](#) [51700-10201602AALF](#) [51970-004](#) [5-6450830-6](#) [4-6600333-3](#) [10125416-4050LF](#) [10130248-005LF](#) [6600320-3](#) [IPBT-103-H1-T-S-RA](#) [1888123-2](#) [6766605-1](#) [701-15-02109](#)
[6450810-7](#) [46437-1112](#) [6450813-2](#) [6450842-4](#) [10108877-R24403SLF](#) [1645523-1](#) [PSS-06-01-T-S](#) [FWS-03-04-T-S](#) [51760-10301603ABLF](#)
[MDF6-TA2022HC](#) [FWS-05-01-T-S](#) [51720-10206002AALF](#) [QE-POL-KEY](#) [FWS-08-01-T-S](#) [698-0075-04](#) [6651670-1](#) [MC120N](#) [2-1600788-6](#)
[1761385-3](#)