

(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 HeaderHFWJ
= High Temp Header

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

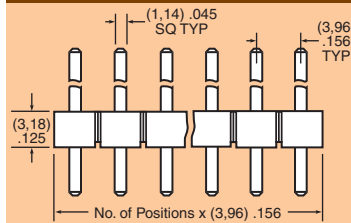
-T
= Matte Tin

Leave blank for Through-hole

-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)

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

01 thru 24



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	-01	(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			
*-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" (1,27 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

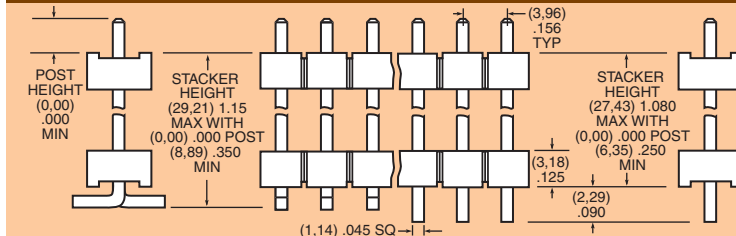
-“XXX”
= Stacker Height (in inches) (0,13 mm) .005" increments
Example: -250 = (6,35 mm) .250"

Leave blank for Through-hole

-VS
= Surface Mount (2 pins/row minimum)-P
= Pick & Place Pad (3 Pos. min.) (6,98 mm) .275" min. post height (-VS only)

Note: This Series is non-standard, non-returnable.

02 thru 24



-“XXX”
= Post Height (in inches)

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

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SAMTEC USA • Tel: +1-800-SAMTEC-9 or +1-812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: +1-408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: +1-800-726-8329
SAMTEC SOUTH AMERICA • Tel: +55 31 3786 3227 SAMTEC UNITED KINGDOM • Tel: +44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
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