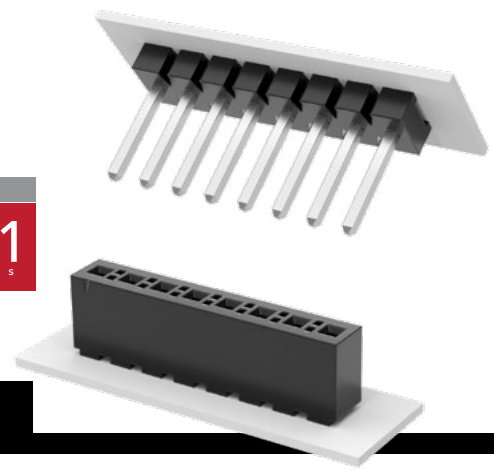


POWER HEADERS, STACKERS & SOCKETS

(3.96 mm) .156" PITCH • FWJ, HFWJ, JW, FHP SERIES

MAX
13.1
A m p s



FWJ, HFWJ, JW Board Mates:

FHP

FHP

Board Mates:

FWJ, HFWJ, JW

SPECIFICATIONS

Insulator Material:

FWJ = Black Glass Filled Polyester
HFWJ, JW = Natural Liquid Crystal Polymer
FHP = Black LCP

Terminal Material

(FWJ, HFWJ, JW):

Phosphor Bronze

Contact Material (FHP):

BeCu

Plating:

Sn over 50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 °C to +105 °C

Voltage Rating:

600 VAC/845 VDC

Insertion Depth (FHP):

(3.57 mm) .140" to

(8.76 mm) .345" or

pass-through from top

Wiping Distance (FHP):

(0.38 mm) .015"

PROCESSING

Lead-Free Solderable:

FWJ = No, Lead Wave only

HFWJ, JW, FHP = Yes

SMT Lead Coplanarity:

HFWJ, FWJ, JW = (0.20 mm)

.008" max (02-16)*

(0.25 mm) .010" max (17-24)*

FHP = (0.15 mm) .006" max*

*(.004" stencil solution

may be available; contact

ipg@samtec.com)

SERIES	NO. OF PINS	LEAD STYLE	PLATING OPTION	S	OTHER OPTIONS
--------	-------------	------------	----------------	---	---------------

FWJ
Standard Header

01 thru 24

Specify
LEAD
STYLE
from
chart
below

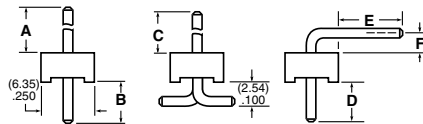
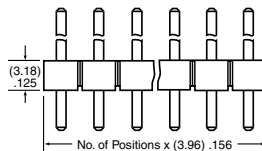
-T
= Matte Tin

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)



LEAD STYLE	A	B	C	D	E	F
-01	(11.43) .450	(4.45) .175	(10.46) .412	-	-	-
-02	(12.70) .500	-	(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 OPTIONS
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02 thru 24

-T
= Matte Tin

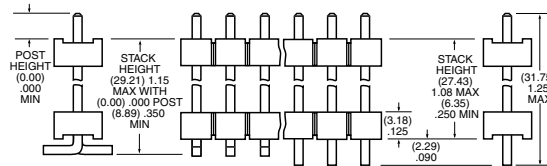
- "XXX"
= Stacker Height
(in inches)
(0.13 mm) .005" increments

- "XXX"
= Post Height
(in inches)

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)



FHP	NO. OF PINS	LEAD STYLE	PLATING OPTION	S	OTHER OPTIONS
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02 thru 24

-01
= Through-hole

-T
= Matte Tin

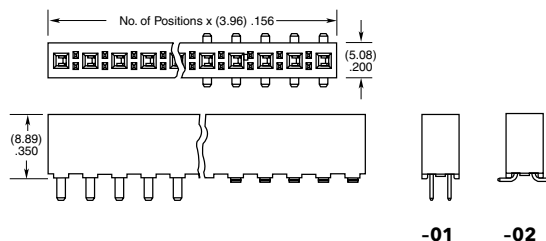
-02
= Surface Mount

-LC
= Locking Clip
(Manual placement required)
(-02 lead style only)

-TR
= Tape & Reel Packaging
(Available on positions 2-18)
(-02 lead style only)

-K
= (6.50 mm) .256" DIA Polyimide film Pick & Place Pad (2-4 positions require -"X"R) (-02 lead style only)

-FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (Available on positions 2-18) (-02 lead style only)



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

samtec.com?FWJ, samtec.com?HFWJ, samtec.com?JW or samtec.com?FHP

F-221 (Rev 11FEB21)

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

Mouser Electronics

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[FHP-03-02-T-S-A](#) [FHP-05-02-T-S-K-TR](#) [FHP-05-02-T-S-LC-K-TR](#) [FHP-06-02-T-S-LC-TR](#) [FHP-08-02-TM-S-A](#)
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[FHP-04-01-T-S-TR](#) [FHP-04-02-T-S-A](#) [FHP-19-01-T-S](#) [FHP-03-02-TM-S](#) [FHP-10-01-TM-S](#) [FHP-10-02-T-S-LC-K-TR](#)
[FHP-12-02-TM-S-LC-TR](#) [FHP-12-02-T-S-K-TR](#) [FHP-23-01-T-S](#) [FHP-02-02-TM-S-LC-K-TR](#) [FHP-08-02-TM-S](#)
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