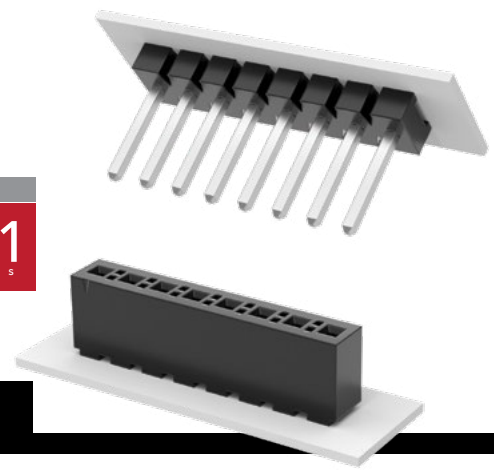


POWER HEADERS, STACKERS & SOCKETS

(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

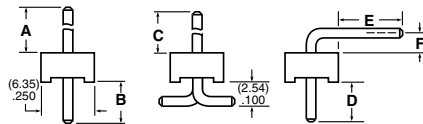
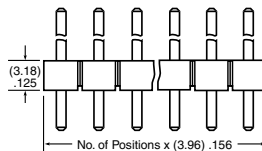
-T
= Matte Tin

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
----	-------------	----	----------------	---	--------------	-------------	---------------

02 thru 24

-T
= Matte Tin

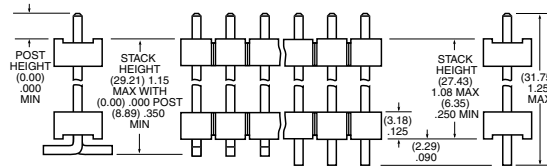
- "XXX"
= Stacker Height
(in inches)
(0.13 mm) .005" increments

- "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
-----	-------------	------------	----------------	---	---------------

02 thru 24

-01
= Through-hole

-T
= Matte Tin

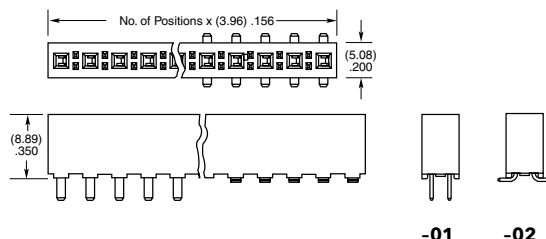
-02
= Surface Mount

-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.