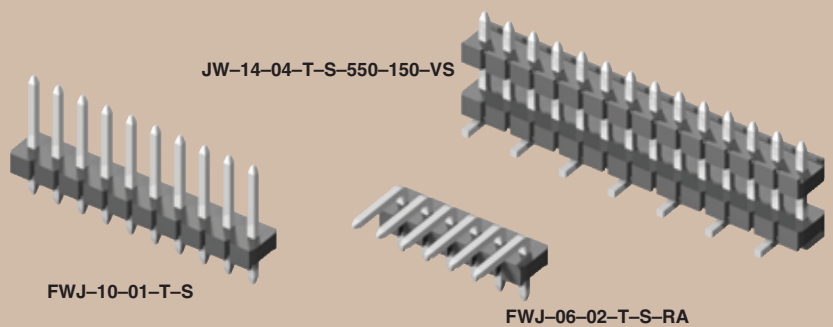




.156" POWER HEADERS FWJ, HFWJ, JW SERIES

SPECIFICATIONS

Mates with:
FHP

For complete specifications and recommended PCB layouts see www.samtec.com?FWJ

FWJ

Insulator Material:

Black Glass Filled

Polyester

Terminal Material:

Phosphor Bronze

Plating:

Sn over 50µ" (1,27µm) Ni

Operating Temp Range:

-55°C to +105°C

RoHS Compliant: Yes

Lead-Free Solderable:

Wave only

HFWJ

For complete specifications and recommended PCB layouts see www.samtec.com?HFWJ

Same as FWJ except:

Insulator Material:

Natural Liquid Crystal

Polymer

Processing:

Max Processing Temp:

230°C for 60 seconds,

or 260°C for 20 seconds 3x

Lead-Free Solderable: Yes

SMT Lead Coplanarity:

(0,20mm) .008" max (02-16)

(0,25mm) .010" max (17-24)



TYPE STRIP

NO. OF PINS

LEAD STYLE

PLATING OPTION

S

TAIL OPTION

FWJ
= Standard Header

HFWJ
= High Temp Header

CURRENT RATING	
AMBIENT TEMP	FHP(H)FWJ
20°C	14A
40°C	12.2A
60°C	10.1A
75°C	8.2A
6 POSITIONS POWERED	

-T
= Matte Tin



Leave blank for Through-hole

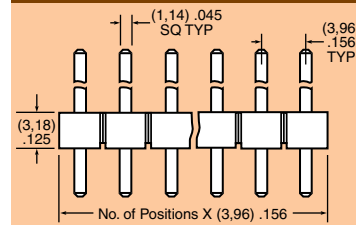
-RA
= Right Angle (Style -02 & -04 only)

-VS
= Surface Mount Requires HFWJ (2 pins/row minimum) Style -05 not available.

-VS-P
= Surface Mount with Pick & Place Pad (3 Pos. min.) (6,98mm) .275" min. post height

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	-02	(11,73) .462	(4,45) .175	(8,13) .100
-02	(12,70) .500	(3,96) .156	-02	(11,73) .462	-02	(3,96) .156	(13,56) .495	(2,54) .100
-04	(20,55) .809	(3,96) .156	-04	(19,10) .752	-04	(3,96) .156	(13,56) .495	(2,54) .100
-05	(3,81) .150	(12,07) .475						

*FWJ Only

SPECIFICATIONS

Mates with:
FHP

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" (1,27µm) Ni

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds,

or 260°C for 20 seconds 3x

Lead-Free Solderable: Yes

SMT Lead Coplanarity:

(0,20mm) .008" max (02-16)

(0,25mm) .010" max (17-24)



JW

NO. ROW

04

PLATING OPTION

S

STACK HEIGHT

POST HEIGHT

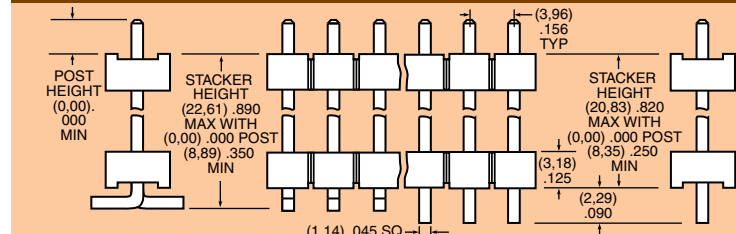
TAIL OPTION

-T
= Matte Tin

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

-"XXX"
= Post Height (in inches)

02 thru 24



CURRENT RATING	
AMBIENT TEMP	FHP/JW
20°C	16.9A
40°C	14.6A
60°C	12.1A
75°C	9.9A
6 POSITIONS POWERED	

Leave blank for Through-hole

-VS
= Surface Mount (2 pins/row minimum)

-VS-P
= Surface Mount with Pick & Place Pad (3 pos. min.) (6,98mm) .275" min. post height

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

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

WWW.SAMTEC.COM