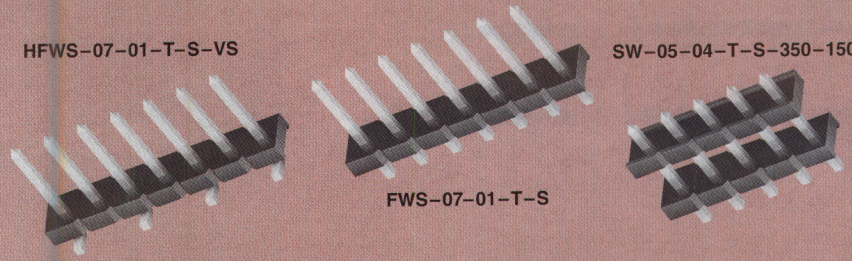




HFWS-07-01-T-S-VS

SW-05-04-T-S-350-150



FWS-07-01-T-S

15A STANDARD .200" PITCH FWS, HFWS, SW SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?FWS

Insulator Material:

Black Glass Filled Polyester



Terminal Material:

Phosphor Bronze



Operating Temp Range:

-65°C to +105°C

Plating:

Sn over 50µ" (1,27µm) Ni

Voltage Rating:

500 VAC mated with PSS

HFWS

For complete specifications see www.samtec.com?HFWS

Same as FWS except:

Insulator Material:

Natural Liquid Crystal Polymer



Max Processing Temp:

230°C for 60 sec.

SMT Lead Coplanarity:

(0,20mm) .008" max (02-15)

(0,25mm) .010" max (16-20)

AMBIENT TEMPERATURE	CURRENT RATING
20°C	23A
40°C	20A
60°C	16A
80°C	12A

TYPE STRIP

NO. PINS PER ROW

LEAD STYLE

T

S

TAIL OPTION

FWS

= Standard Header

HFWS

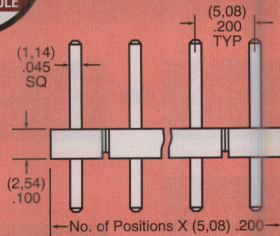
= High Temp Header

Mates with: PSS, HPF

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

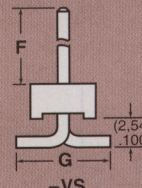
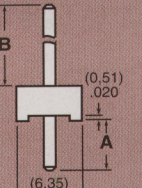


01 thru 20

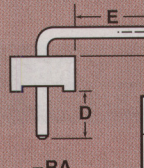


Specify LEAD STYLE from chart below.

LEAD STYLE	A	B
-01	(4,57) .180	(11,94) .470
-02	(4,57) .180	(13,21) .520
-04	(4,09) .161	(21,06) .829
-05	(4,57) .180	(3,81) .150



LEAD STYLE	F	G
-01	(10,72) .422	(8,00) .315
-02	(12,24) .482	(7,95) .313



LEAD STYLE	C	D	E
-02	(2,54) .100	(4,45) .175	(8,08) .318
-04	(4,95) .195	(3,96) .156	(13,82) .544

Leave blank for Through-Hole

- RA = Right Angle

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

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

SPECIFICATIONS

For complete specifications see www.samtec.com?SW

Insulator Material:

Natural Liquid Crystal Polymer (-VS)



Black Glass Filled Polyester (TH)

Terminal Material:

Phosphor Bronze

Max Processing Temp:

230°C for 60 sec.

Plating:

Sn over 50µ" (1,27µm) Ni

SMT Lead Coplanarity:

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

(0,25mm) .010" max (17-20)

SW

NO. PINS PER ROW

04

T

S

STACKER HEIGHT

POST HEIGHT

TAIL OPTION

Mates with: PSS, HPF

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

- "XXX"

= Stacker Height (in inches) (0,13mm) .005" increments

Example: -250 = (6,35mm) .250"

- "XXX" = Post Height (in inches)

Leave blank for Through-Hole

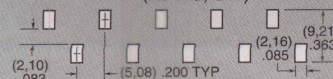
-VS = Surface Mount (2 pins/row minimum)

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

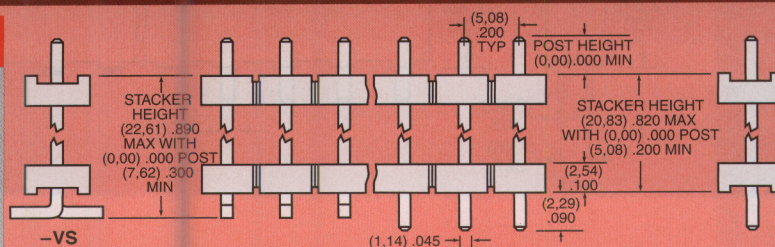
02 thru 20

SUGGESTED PCB LAYOUTS

For reference only. Please contact Samtec or go to www.samtec.com?SW for the recommended PCB layout. (HFWS, SW)



Minimum (0,20mm) .008" solder paste recommended.



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

WWW.SAMTEC.COM