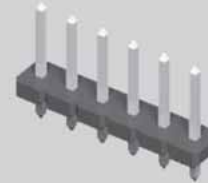


SW-10-04-T-S-350-150

HFWS-06-02-T-S-RA



FWS-06-01-T-S



**FWS, HFWS, SW SERIES**

(5,08 mm) .200"

# POWER TERMINAL STRIP

**FWS, HFWS Mates with:**  
PSS, HPF  
**SW Mates with:**  
PSS, HPF

## SPECIFICATIONS

For complete specifications see [www.samtec.com?FWS](http://www.samtec.com?FWS)  
[www.samtec.com?HFWS](http://www.samtec.com?HFWS) or  
[www.samtec.com?SW](http://www.samtec.com?SW)

### FWS/HFWS

**Insulator Material:**  
Glass Filled  
Polyester (FWS, SW-TH)  
Liquid Crystal  
Polymer (HFWS, SW-VS)

### Terminal Material:

Phosphor Bronze

### Plating:

Sn over 50µ" (1,27 µm) Ni  
**Current Rating (FWS/PSS):**  
11.4 A per pin  
(1 pin powered)  
**Operating Temp Range:**  
-55°C to +105°C

**Voltage Rating:**  
500 VAC mated with PSS  
**RoHS Compliant:**  
Yes

**Processing:**  
**Lead-Free Solderable**  
(HFWS-VS, SW-VS):  
Yes

**SMT Lead Coplanarity**  
(FWS, HFWS):  
(0,20 mm) .008" max (02-15)  
(0,25 mm) .010" max (16-20)  
**SMT Lead Coplanarity (SW):**  
(0,25 mm) .010" max

TYPE STRIP	NO. PINS	LEAD STYLE	PLATING OPTION	S	TAIL OPTION	OTHER OPTION
FWS = Standard Header				-T = Matte Tin		-VS-P = Surface Mount with Pick & Place Pad (3 Pos. min.) (6,98 mm) .275" min. post height
HFWS = High Temp Header						

**Specify LEAD STYLE from chart below.**

LEAD STYLE	A	B	C	D	E	F	G
-01	(4,57) .180	(11,94) .470	—	—	—	(10,72) .422	(8,64) .340
-02	(4,57) .180	(13,21) .520	(2,54) .100	(4,57) .180	(8,08) .318	(12,24) .482	(8,38) .330
-04	(4,09) .161	(21,06) .829	(4,95) .195	(3,96) .156	(13,82) .544	—	—
-05	(4,57) .180	(3,81) .150	—	—	—	—	—

**01 thru 20**

Leave blank for Through-Hole

**-RA**  
= Right Angle

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

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



TYPE STRIP	NO. PINS	04	PLATING OPTION	S	STACK HEIGHT	POST HEIGHT	TAIL OPTION
SW = Standard Stacker				-T = Matte Tin	-“XXX” = Stacker Height (in inches) (0,13 mm) .005" increments Example: -250 = (6,35 mm) .250"		-VS = Surface Mount (2 pins/row minimum)
						-“XXX” = Post Height (in inches)	-VS-P = Surface Mount with Pick & Place Pad (3 Pos. min.) (6,98 mm) .275" max. post height

**02 thru 20**

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

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

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