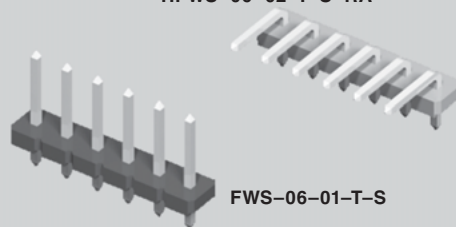


SW-10-04-T-S-350-150

HFWS-06-02-T-S-RA



FWS-06-01-T-S

(5,08 mm) .200"

FWS, HFWS, SW SERIES

# 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																																														
HFWS = High Temp Header																																														
			-T = Matte Tin																																											
<b>Specify LEAD STYLE from chart below.</b>																																														
<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> </tr> </thead> <tbody> <tr> <td>-01</td> <td>(4,57) .180</td> <td>(11,94) .470</td> <td>—</td> <td>—</td> <td>—</td> <td>(10,72) .422</td> <td>(8,64) .340</td> </tr> <tr> <td>-02</td> <td>(4,57) .180</td> <td>(13,21) .520</td> <td>(2,54) .100</td> <td>(4,57) .180</td> <td>(8,08) .318</td> <td>(12,24) .482</td> <td>(8,38) .330</td> </tr> <tr> <td>-04</td> <td>(4,09) .161</td> <td>(21,06) .829</td> <td>(4,95) .195</td> <td>(3,96) .156</td> <td>(13,82) .544</td> <td>—</td> <td>—</td> </tr> <tr> <td>-05</td> <td>(4,57) .180</td> <td>(3,81) .150</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> </tbody> </table>							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	—	—	—	—	—
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## 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"		
<b>02 thru 20</b>							
<p>Leave blank for Through-Hole</p>							
<p>-VS = Surface Mount (2 pins/row minimum)</p>							
<p>-“XXX” = Post Height (in inches)</p>							
<p>-VS-P = Surface Mount with Pick &amp; Place Pad (3 Pos. min.) (6,98 mm) .275" max. post height</p>							

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