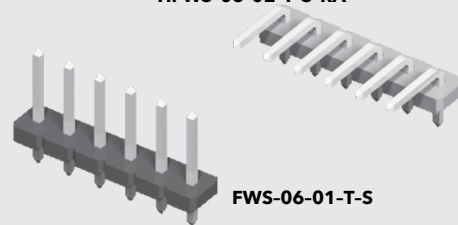


SW-10-04-T-S-350-150

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
www.samtec.com?HFWS or
www.samtec.com?SW

Insulator Material:

Glass Filled
Polyester (FWS, SW-TH)
Liquid Crystal
Polymer (HFWS, SW-VS)

Terminal Material:

Phosphor Bronze

Plating:

Sn over 50 μ " (1.27 μ m) 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*

*(.004" stencil solution
may be available; contact
ipg@samtec.com)

RECOGNITIONS

For complete scope
of recognitions see
www.samtec.com/quality



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

TYPE STRIP	NO. PINS	LEAD STYLE	PLATING OPTION	S	TAIL OPTION	OTHER OPTION																																								
FWS = Standard Header																																														
HFWS = High Temp Header																																														
			-T = Matte Tin																																											
Specify LEAD STYLE from chart below.																																														
<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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01 thru 20 No. of Positions X (5.08) .200																																														
-VS-P = Surface Mount with Pick & Place Pad (3 Pos. min.) (6.98 mm) .275" min. post height																																														
Leave blank for Through-hole																																														
-RA = Right-angle																																														
-VS = Surface Mount (2 pins/row minimum) Requires HFWS																																														

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"							
02 thru 20 POST HEIGHT (0.00) .000 MIN STACK HEIGHT (22.61) .890 MAX WITH (0.00) .000 POST (7.62) .300 MIN (5.08) .200 TYP (2.54) .100 MAX (20.83) .820 MAX (5.08) .200 MIN (1.14) .045 (2.29) .090 (25.91) 1.02 MAX							
- "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.) (6.98 mm) .275" max. post height							