

(5.08 mm) .200"

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

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



FILE NO. E111594

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	—	—	—	—	—
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																																														
-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"		
							-“XXX” = Post Height (in inches)
02 thru 20							
-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							

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[SW-02-04-T-S-270-640](#) [SW-09-04-T-S-470-090](#) [SW-06-04-T-S-563-105](#) [SW-02-04-T-S-220-415](#) [SW-04-04-T-S-250-195](#) [SW-08-04-T-S-460-150](#) [SW-08-04-T-S-600-200](#) [SW-12-04-T-S-400-300](#) [SW-20-04-T-S-625-150](#) [SW-10-04-T-S-380-105](#) [SW-05-04-T-S-200-300](#) [SW-05-04-T-S-400-090](#) [SW-10-04-T-S-220-105](#) [SW-10-04-T-S-400-150](#) [SW-02-04-T-S-400-200](#) [SW-03-04-T-S-550-200-VS](#) [SW-04-04-T-S-300-128](#) [SW-06-04-T-S-250-190](#) [SW-10-04-T-S-500-150-VS](#) [SW-02-04-T-S-270-200](#) [SW-04-04-T-S-300-300-VS-P](#) [SW-06-04-T-S-300-300-VS-P](#) [SW-06-04-T-S-425-150](#) [SW-08-04-T-S-535-150](#) [SW-05-04-T-S-300-105](#) [SW-10-04-T-S-245-150](#) [SW-10-04-T-S-250-110](#) [SW-05-04-T-S-625-100](#) [SW-10-04-T-S-400-150-VS](#) [SW-02-04-T-S-220-450](#) [SW-09-04-T-S-430-140-VS](#) [SW-02-04-T-S-585-150](#) [SW-02-04-T-S-625-150](#) [SW-06-04-T-S-660-080](#) [SW-07-04-T-S-780-110-VS](#) [SW-08-04-T-S-250-105](#) [SW-12-04-T-S-632-188](#) [SW-20-04-T-S-245-150](#) [SW-03-04-T-S-250-150](#) [SW-03-04-T-S-300-500](#) [SW-08-04-T-S-459-150](#) [SW-12-04-T-S-488-198](#) [SW-20-04-T-S-435-125](#) [SW-02-04-T-S-200-415](#) [SW-04-04-T-S-340-230](#) [SW-06-04-T-S-325-150](#) [SW-03-04-T-S-220-150](#) [SW-12-04-T-S-690-150](#) [SW-04-04-T-S-500-150](#) [SW-02-04-T-S-580-120-VS](#) [SW-06-04-T-S-200-200](#) [SW-16-04-T-S-200-266](#) [SW-20-04-T-S-300-170](#) [SW-20-04-T-S-360-150](#) [SW-02-04-T-S-250-170](#) [SW-05-04-T-S-560-160](#) [SW-20-04-T-S-200-150](#) [SW-20-04-T-S-300-175](#) [SW-07-04-T-S-375-100](#) [SW-08-04-T-S-290-170](#) [SW-04-04-T-S-240-120](#) [SW-05-04-T-S-200-200](#) [SW-20-04-T-S-690-150](#) [SW-02-04-T-S-585-200](#) [SW-06-04-T-S-200-300](#) [SW-02-04-T-S-210-200](#) [SW-02-04-T-S-400-250](#) [SW-03-04-T-S-535-198](#) [SW-05-04-T-S-400-400-VS](#) [SW-05-04-T-S-540-157](#) [SW-06-04-T-S-500-150](#) [SW-06-04-T-S-540-194](#) [SW-07-04-T-S-540-195](#) [SW-06-04-T-S-250-200](#) [SW-05-04-T-S-625-150](#) [SW-06-04-T-S-200-195](#) [SW-10-04-T-S-540-195](#) [SW-12-04-T-S-540-194](#) [SW-12-04-T-S-591-118](#) [SW-06-04-T-S-530-150](#) [SW-07-04-T-S-540-194](#) [SW-02-04-T-S-260-120](#) [SW-10-04-T-S-350-470](#) [SW-14-04-T-S-500-400-VS](#) [SW-04-04-T-S-350-120](#) [SW-05-04-T-S-250-150](#) [SW-07-04-T-S-560-150](#) [SW-08-04-T-S-300-100](#) [SW-10-04-T-S-300-500](#) [SW-03-04-T-S-400-090](#) [SW-10-04-T-S-350-120-VS](#) [SW-20-04-T-S-200-090](#) [SW-02-04-T-S-490-175](#) [SW-03-04-T-S-270-200](#) [SW-12-04-T-S-380-120](#) [SW-02-04-T-S-230-200](#) [SW-02-04-T-S-350-120](#) [SW-03-04-T-S-540-157](#) [SW-05-04-T-S-260-260](#) [SW-05-04-T-S-537-150](#)