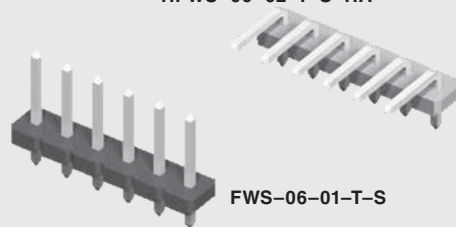


SW-10-04-T-S-350-150



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



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																																														
02 thru 20																																														
VS-P = Surface Mount with Pick & Place Pad (3 Pos. min.) (6.98 mm) .275" min. post height																																														
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"		
							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

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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](#)