

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

FWS/HFWS

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

RECOGNITIONS

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



FILE NO. E111594 FILE NO. 090871_0_000

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			-T = Matte Tin																																											
HFWS = High Temp Header																																														
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																																														
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							
Leave blank for Through-Hole							
-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							