

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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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 STACKER HEIGHT (22,61) .890 MAX WITH (0,00) .000 POST (7,62) .300 MIN (5,08) .200 TYP (2,54) .100 (20,83) .820 MAX WITH (0,00) .000 POST (5,08) .200 MIN (1,14) .045 (2,29) .090							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