samtec

HFWS–06–02–T–S–RA

FWS–06–01–T–S

SW–10–04–T–S–350–150

FWS, HFWS, SW SERIES

(5.08 mm) .200"

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 μm) 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

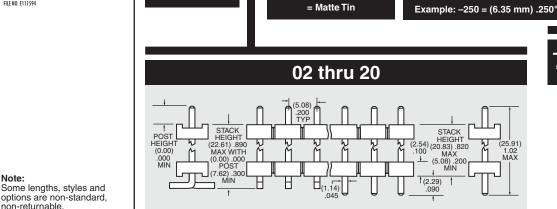**Lead–Free Solderable
(HFWS–VS, SW-VS):**
Yes
**SMT Lead Coplanarity
(FWS, HFWS):**
(0.20 mm) .008" max (02-15)*
(0.25 mm) .010" max (16-20)*
SMT Lead Coplanarity (SW):
(0.25 mm) .010" max*
*(.004" stencil solution
may be available; contact
IPG@samtec.com)

RECOGNITIONS

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

RU
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

01 thru 20

–T
= Matte Tin

Specify LEAD STYLE from chart below.

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	—	—	—	—	—

–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

(1.14) .045 SQ

(5.08) .200 TYP

(2.54) .100

No. of Positions X (5.08) .200

| 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)

–"XXX"
= Post Height
(in inches)

–VS–P
= Surface Mount with
Pick & Place Pad
(3 Pos. min.)
(6.98 mm) .275" max.
post height

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

STACK HEIGHT (20.83) .820 MAX (5.08) .200 MIN

(25.91) 1.02 MAX

(1.14) .045

(2.29) .090

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