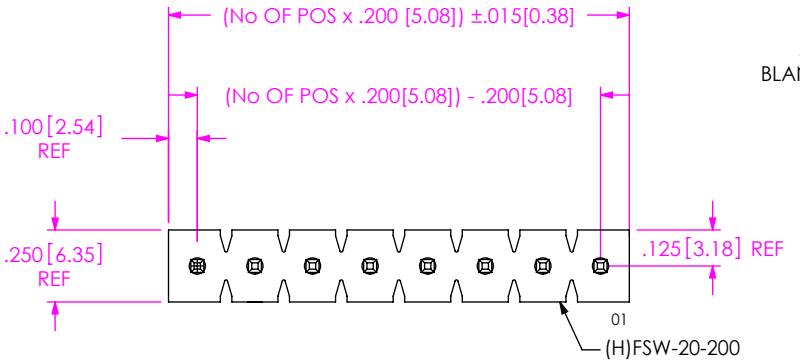
REVISION R

DO NOT SCALE FROM THIS PRINT



XFWS-XX-XX-XX-S-XX-X

BODY SPECIFICATION
-H: HIGH TEMP (USE HFSW-20-200)
BLANK: STANDARD (USE FSW-20-200)

No OF POSITIONS
-01 THRU -20

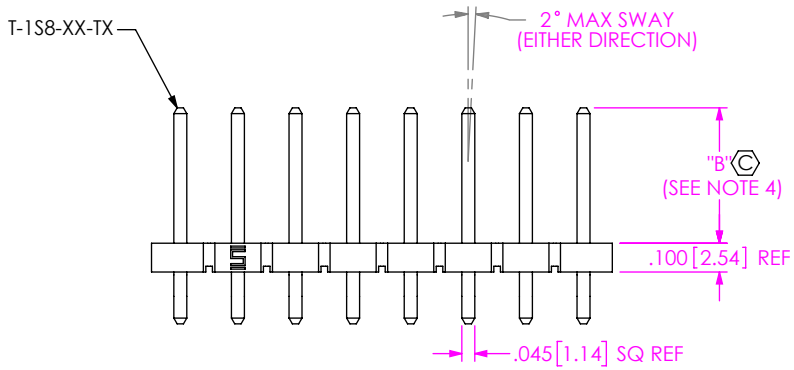
LEAD STYLE
(SEE TABLE 1, 2, 3)

PLATING SPECIFICATION
-T: TIN (USE T-1S8-XX-T)
-TM: MATTE TIN (USE T-1S8-XX-TM)

ROW SPECIFICATION
-S: SINGLE
(HFWS: USE HFSW-20-200)
(FWS: USE FSW-20-200)

OPTION
-P: PICK AND PLACE PAD
(USE PPP-47, SEE FIG 2)
(-VS ONLY, 3 POS MIN.
.275 MIN POST HEIGHT)
(SEE FIG 4 SHEET 2)

OPTION
-RA: RIGHT ANGLE (POST)
(N/A) WITH -VS OPTION)
(SEE FIG 3 SHEET 2)
-VS: VERTICAL SURFACE MOUNT
(HFWS ONLY, 2 POS MIN.)
(SEE FIG 2 SHEET 2)
LEAVE BLANK FOR THRU HOLE
(SEE FIG 1 SHEET 1)



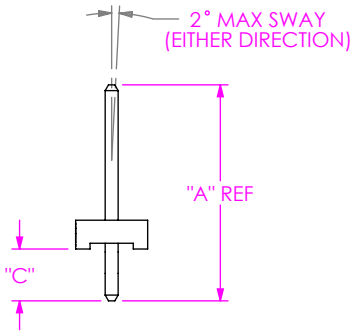


FIG 1
THRU HOLE OPTION
(XFWS-08-XX-T-S SHOWN)
SEE NOTE 9

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 3 lbs.
3. MAXIMUM ALLOWABLE BOW: .003[.08] IN/IN AFTER ASSEMBLY.
4. MAXIMUM HEIGHT VARIATION BETWEEN ANY 2 PINS: .005[0.13]
5. - - - - -
6. - - - - -
7. MAXIMUM ALLOWABLE FLASH: .020[0.51]
8. MAXIMUM PIN ROTATION IN BODY: 2 DEGREES.
9. THRU HOLE AND RIGHT ANGLE PARTS TO BE BULK PACKAGED.
10. -VS PARTS TO BE PACKAGED AS;
    POSITIONS -02 AND -03: LAYER PACKAGED,
    POSITIONS -04 THRU -20: TUBE PACKAGED.
11. FOR -05 LEAD STYLE, TAILS ARE TO BE SHEARED TO PROPER LENGTH.
12. Ⓒ T-1S8-XX MUST BE FLIPPED IN THE OPPOSITE WAY AS THE SELECTIVE PINS TO REDUCE THE NUMBER OF BAND MARKS IN THE POST AREA.

TABLE 1 : THRU HOLE OPTION

STYLE	TERMINAL	"A" OVERALL HEIGHT	"B" POST HEIGHT	"C" TAIL DIM.
-01	T-1S8-01-TX	.750 [19.05]	.470 [11.94]	.180 [4.57] REF
-02	T-1S8-02-TX	.800 [20.32]	.520 [13.21]	.180 [4.57] REF
-04	T-1S8-04-TX	1.090 [27.69]	.829 [21.06]	.161 [4.10] REF
-05	T-1S8-01-TX	.430 [10.92]	.150 [3.81]	*.180 [4.57] +/- .010 [0.25]
-06	T-1S8-05-TX	1.350 [34.29]	1.070 [27.18]	.180 [4.57] REF

(*=SEE NOTE 11)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS: .XX: ±.01[0.3] .XXX: ±.005[0.13] .XXXX: ±.0020[0.051]
ANGLES: 2 °

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1

INSULATOR:
HFSW: VECTRA E130i, COLOR: NATURAL
FWS: VALOX 420 SEO, COLR: BLACK
TERMINAL: PHOS BRONZE

F:\DWG\MISC\MKTG\XFWS-XX-XX-XX-S-XX-X-MKT.SLDDRW

DESCRIPTION:
.045 [1.14] SQ POST POWER BLOCK ASSEMBLY, .200 [5.08]

DWG. NO. XFWS-XX-XX-XX-S-XX-X

BY: T. WERNE 9/27/2000

REVISION R

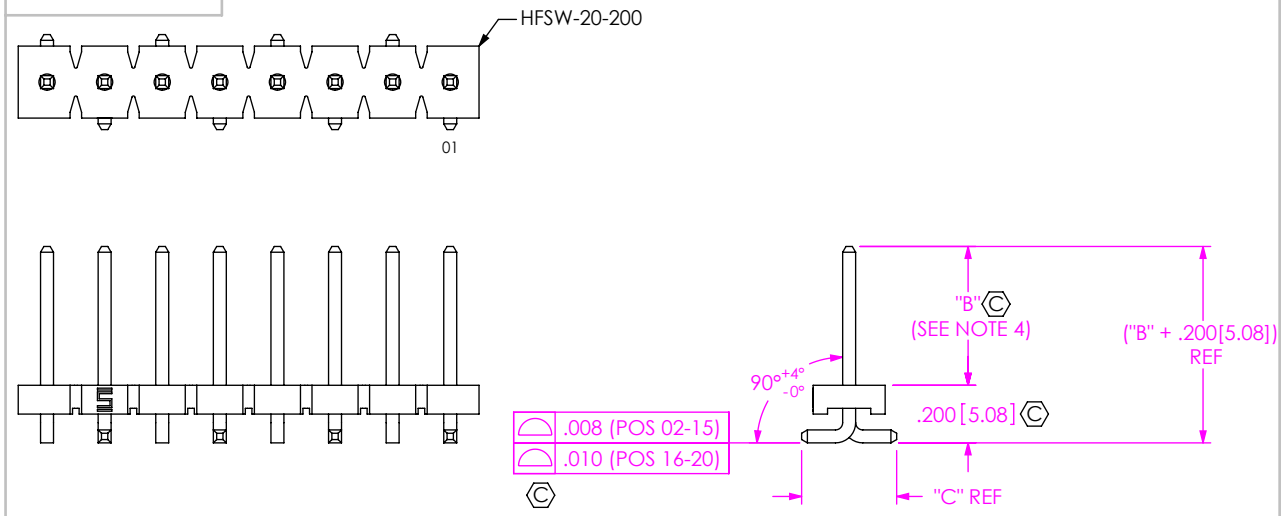


FIG 2
-VS: VERTICAL SURFACE MOUNT OPTION
-01 & -02 LEAD STYLES ONLY
(HFWS-08-01-TX-S-VS SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS THRU HOLE)

TABLE 2: -VS OPTION				
STYLE	TERMINAL	"B" POST HEIGHT	"C" TAIL DIM. (AFTER BEND)	"F" TAIL DIM (BEFORE BEND)
-01	T-1S8-01-TX	0.422 [10.72]	.340 [8.64]	.228 [5.79]
-02	T-1S8-02-TX	0.482 [12.24]	.330 [8.38]	.218 [5.54]

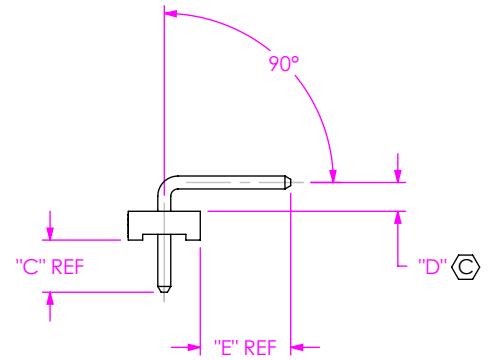
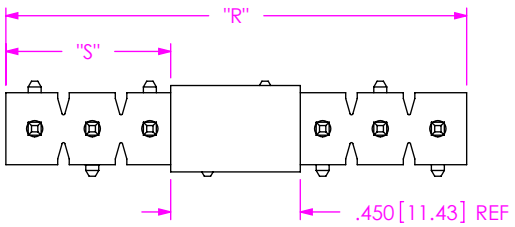


FIG 3
-RA: RIGTH ANGLE (POST) OPTION
-02 & -04 LEAD STYLES ONLY
(XFWS-XX-XX-TX-S-RA SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS THRU HOLE)

TABLE 3 : -RA OPTION					
STYLE	TERMINAL	"B" IN-PROCESS POST	"C" TAIL DIM.	"D" PROFILE	"E" FINAL POST
-02	T-1S8-02-TX	.520 [13.21]	.180 [4.57]	.100 [2.54]	.318 [8.08]
-04	T-1S8-04-TX	.829 [21.06]	.156 [3.96]	.195 [4.95]	.544 [13.82]



"R" = No OF POS x .200[5.08] REF
"S" = (("R" - .450[11.43]) / 2) ±.020[.51]
"T" = POST HEIGHT + .050 [1.27] REF

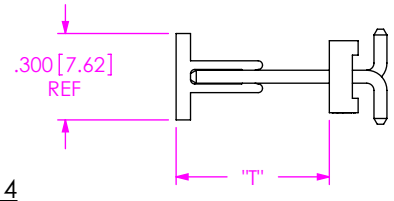
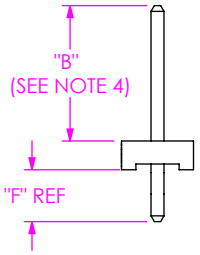
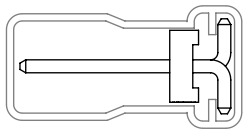


FIG 4
-P: PICK & PLACE PAD



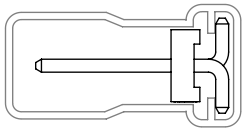
IN-PROCESS
-VS: VERTICAL SURFACE MOUNT
-RA: RIGHT ANGLE (POST)

"F" ONLY APPLIES TO -VS



XFWS-XX-02-XX-XX-S-VS

PACKAGING VIEW
USE PT-XFWS001-VS TUBE
USE TP-13 TUBE PLUG



XFWS-XX-01-XX-XX-S-VS

PACKAGING VIEW
USE PT-XFWS001-VS TUBE
USE TP-13 TUBE PLUG

F:\DWG\MISC\MKTG\XFWS-XX-XX-XX-S-XX-X-MKT.SLDDRW

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.045 [1.14] SQ POST POWER BLOCK ASSEMBLY, .200 [5.08]

DWG. NO. XFWS-XX-XX-XX-S-XX-X

BY: T. WERNE 9/27/2000

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Global Electronic Components Distributor

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ESQ-106-33-L-D FTE-110-01-G-DV MMS-114-02-L-DV ERF8-035-05.0-L-DV-K-TR SFM-115-02-S-D-A-P
SQT-120-01-L-D-RA TFM-115-02-L-D-LC IPBT-103-H1-T-S-RA-K CES-112-01-T-S HTST-108-01-L-DV-P-TR
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LSS-140-01-L-DV-A SEAF-20-06.5-S-06-2-A-K-TR BBL-102-T-E CLM-104-02-F-D-BE