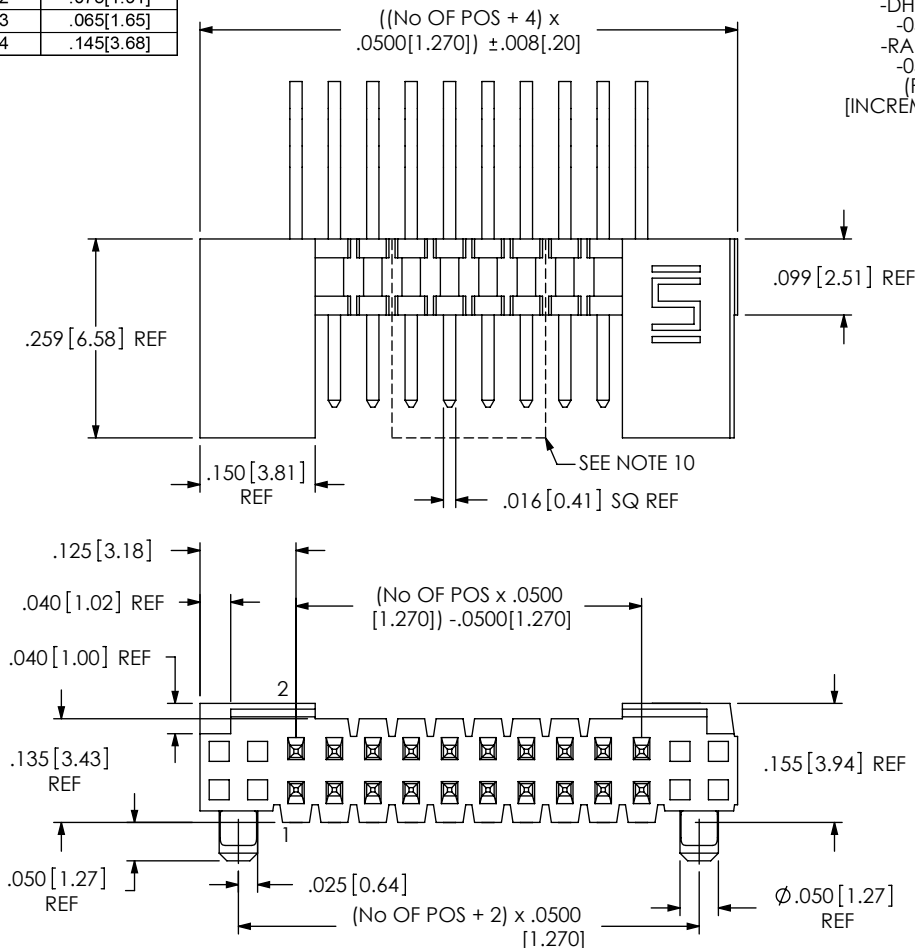


TABLE 1	
STYLE	"A"
-01	.120[3.05]
-02	.075[1.91]
-03	.065[1.65]
-04	.145[3.68]



NOTES:

1. \odot REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY TO INCLUDE INSULATOR: .0060[.152].
3. MAXIMUM HEIGHT VARIATION BETWEEN ROWS: .005[.13].
4. MINIMUM PUSHOUT FORCE: .5 LB.
5. MAXIMUM BURR ALLOWED [SHEARED TAILS]: .002[.05].
6. MAXIMUM ALLOWABLE BOW: .002[.05] INCH/INCH AFTER ASSEMBLY.
7. FIRST AND LAST PINS TO BE FLUSH TO .001 ABOVE OR BELOW LINE MADE BY BODY (SEE SHT 3).
8. MAX FLASH TO BE .015[.38].
9. \odot END SHROUDS NOT TO BE CUT.
10. POSITIONS 13-28 (ONCE CUT) TO HAVE 1 TAB EVENLY SPACED BETWEEN THE FIRST AND LAST CORE. POSITIONS 29-46 TO HAVE TWO TABS EVENLY SPACED BETWEEN THE FIRST AND LAST CORES.
11. FOR POSITIONS 13-27, MIDDLE SHROUD WILL NOT BE CENTERED FOR ODD POSITION PARTS.
12. FIRST AND LAST PINS TO BE FLUSH TO .004 ABOVE LINE MADE BY BODY AND PIN 1 (SEE SHT 4).

PATENT NUMBERS
6159045

FSH-1XX-XX-XXX-XX-XX-X-XX

No OF POSITIONS
-DH ROW SPEC:
-05 THRU -25
-RA ROW SPEC:
-05 THRU -46
(PER ROW)
[INCREMENTS OF 5 STD]

LEAD STYLE

-01
-02
-03
-04

OPTION

-TR: TAPE & REEL
(NOT AVAILABLE WITH -RA OPTION)

OPTION

-C: POLYIMIDE FILM (USE K-DOT-.177-.281-.005)
(10 POSITION MIN) (SEE FIG 3, SHT 2)
(NOT AVAILABLE WITH -RA)

OPTION

-SL: SOLDER LOCKS

ROW/TAIL SPECIFICATION

-DH: DOUBLE HORIZONTAL
(USE FSH-XX-D-ES-XX-XX)
-RA: RIGHT ANGLE
(USE FSH-XX-D-ES-XX-XX)

PLATING SPECIFICATION

-L: LIGHT SELECTIVE (USE T-1S15-XX-L)
-F: FLASH SELECTIVE (USE T-1S15-XX-F)
-S: SELECTIVE GOLD/MATTE TIN TAIL (USE T-1S15-XX-S)
-LM: LIGHT SELECTIVE GOLD/MATTE TIN TAIL (USE T-1S15-XX-L)
-FM: FLASH SELECTIVE GOLD/MATTE TIN TAIL (USE T-1S15-XX-F)
-STL: SELECTIVE GOLD CONTACT, TIN/LEAD TAIL (USE T-1S15-XX-STL)
-FTL: FLASH SELECTIVE GOLD CONTACT, TIN/LEAD TAIL (USE T-1S15-XX-FTL)

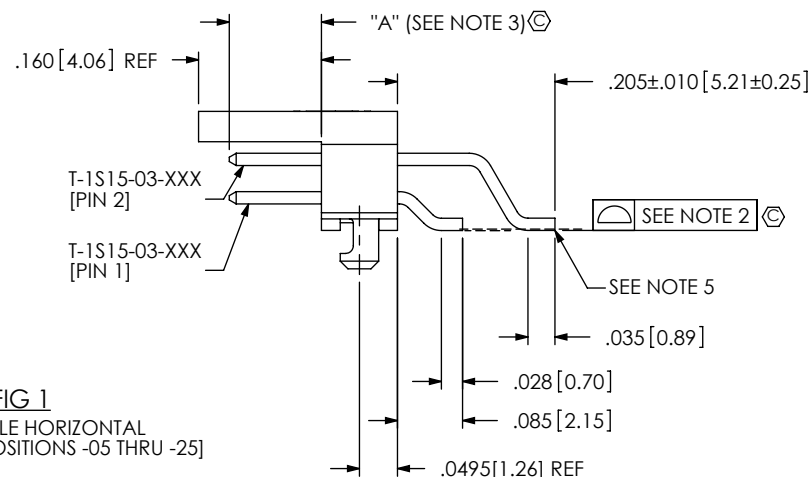


FIG 1

-DH: DOUBLE HORIZONTAL
[AVAILABLE IN POSITIONS -05 THRU -25]

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01[.3]
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]

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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:

VECTRA E130I, COLOR: BLACK
TERMINAL: PHOS BRONZE, THICKNESS: .0160 SQ

DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

DESCRIPTION:

.050 SHROUDED TERMINAL ASSEMBLY

DWG. NO.

FSH-1XX-XX-XXX-XX-XX-X-XX

BY: DEANP

9/8/1999

SHEET 1 OF 4

F:\DWG\MISC\MKTG\FSH-1XX-XX-XXX-XX-XX-X-XX-MKT.SLDDRW

FIG 2

-RA: RIGHT ANGLE
(SAME AS FIG 1, UNLESS OTHERWISE STATED)
[AVAILABLE IN POSITIONS -05 THRU -46]

TABLE 2	
STYLE	"B"
-01	.120[3.05]
-02	.075[1.91]
-03	.065[1.65]
-04	.145[3.68]

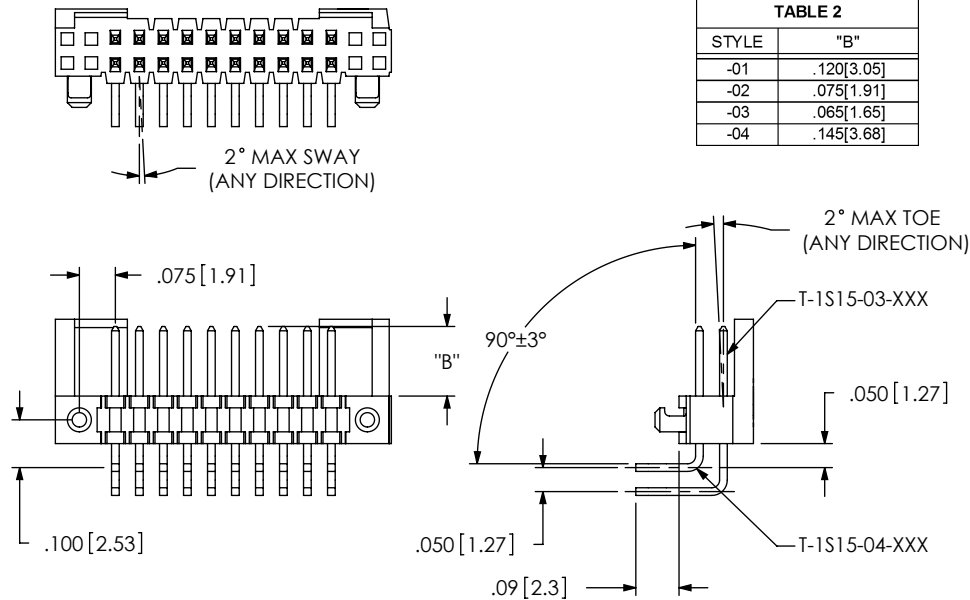
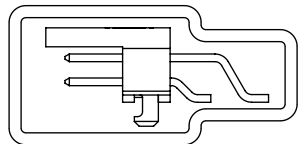
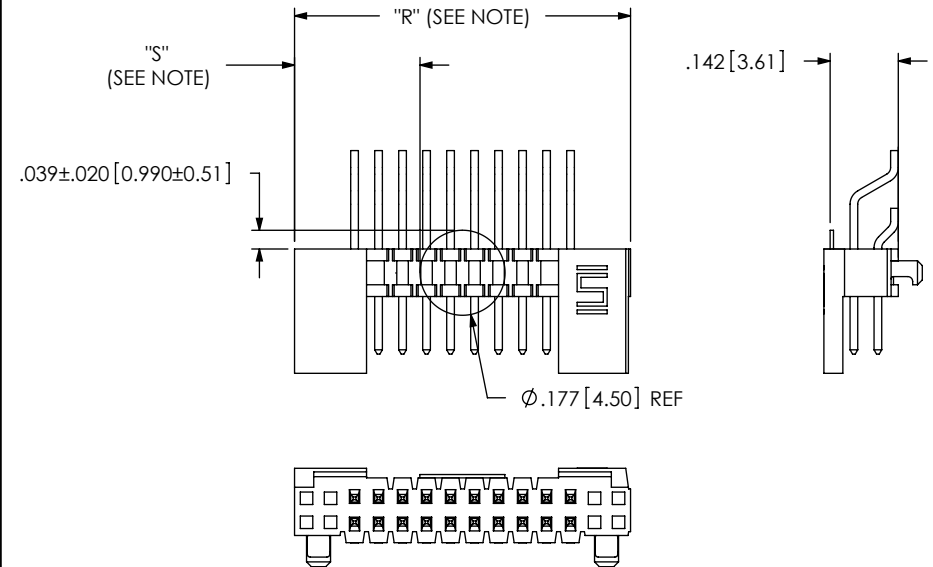


FIG 3

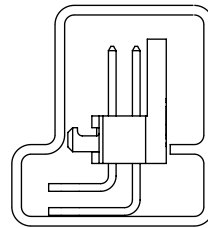
-C: POLYIMIDE FILM

NOTE: "R" = USE MEASURED DIMENSION (REF)
"S" = $\{("R" - .1772[4.501]) / 2\} \pm .020[.51]$



-DH
TUBE: PT-1-24-02-53
PLUG: TP-09

PACKAGING VIEW
TUBE ALL POSITIONS



-RA
TUBE: PT-1-24-01-45
PLUG: TP-07

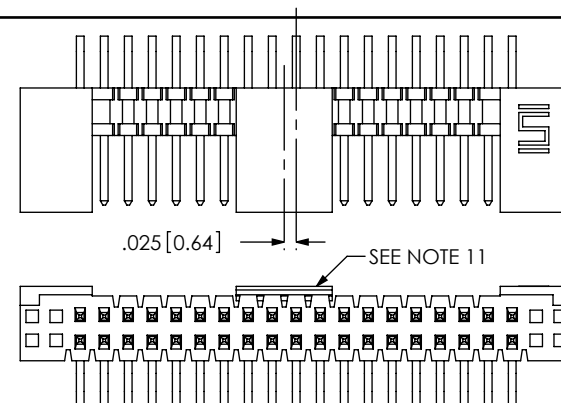


FIG 4
FSH-119-XX-XX-RA-XX
SHOWN

F:\DWG\MISC\MKTG\FSH-1XX-XX-XXX-XX-XX-X-XX-MKT.SLDDRW

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SHEET SCALE: 2.5:1

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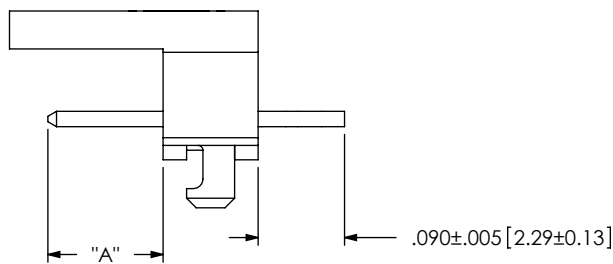
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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.050 SHROUDED TERMINAL ASSEMBLY

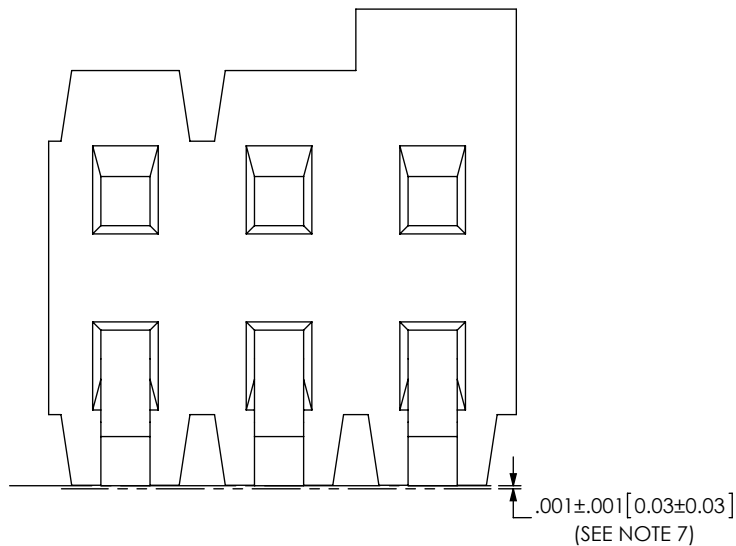
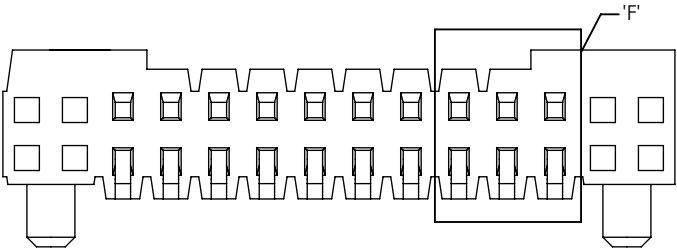
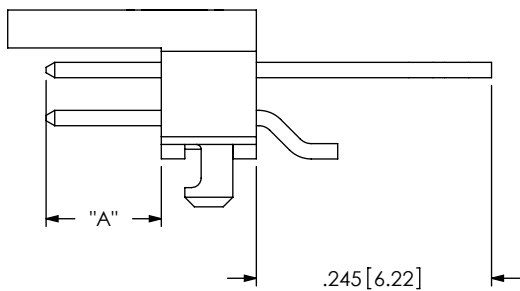
DWG. NO.
FSH-1XX-XX-XXX-XX-XX-X-XX

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IN-PROCESS 1



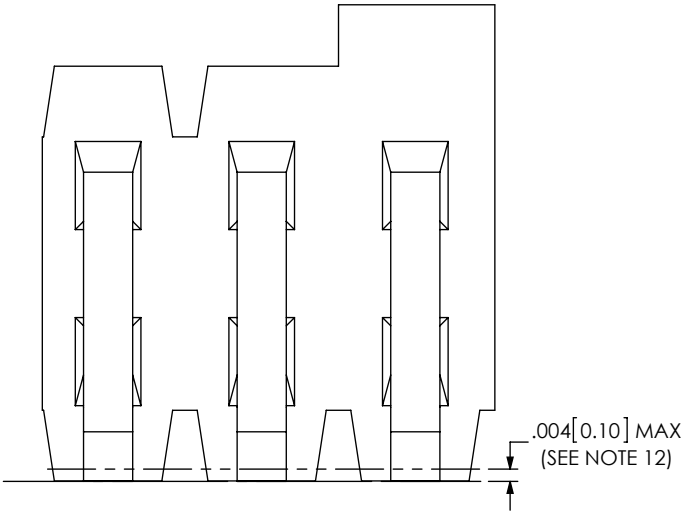
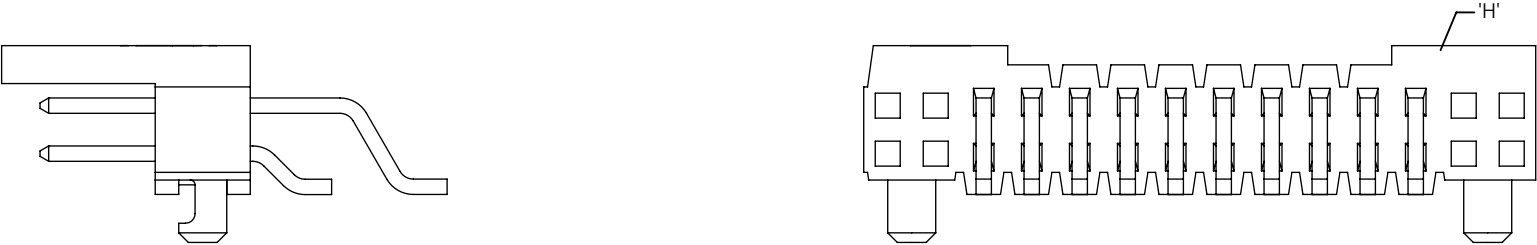
IN-PROCESS 2
(AFTER FIRST ROW FORMED)



DETAIL 'F'
SCALE 16 : 1

F:\DWG\MISC\MKTG\FSH-1XX-XX-XXX-XX-XX-X-XX-MKT.SLDDRW

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<p>SHEET SCALE: 2.5:1</p>	
<p>DESCRIPTION:</p> <p>.050 SHROUDED TERMINAL ASSEMBLY</p>	
<p>DWG. NO.</p> <p>FSH-1XX-XX-XXX-XX-XX-X-XX</p>	
BY: DEANP	9/8/1999
SHEET 3 OF 4	



DETAIL 'H'
SCALE 16:1

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SHEET SCALE: 2.5:1

DESCRIPTION:
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DWG. NO.
FSH-1XX-XX-XXX-XX-XX-X-XX

BY: DEANP 9/8/1999 SHEET 4 OF 4