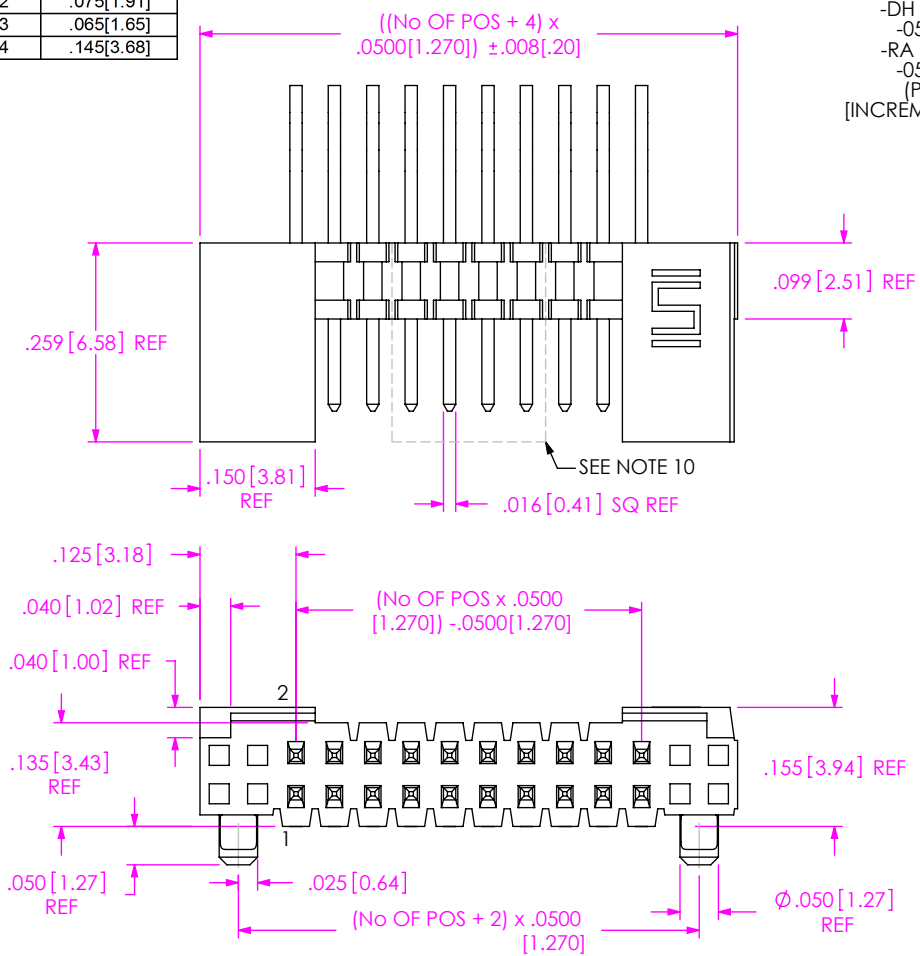


TABLE 1	
STYLE	"A"
-01	.120[3.05]
-02	.075[1.91]
-03	.065[1.65]
-04	.145[3.68]

DO NOT SCALE FROM THIS PRINT



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 AVAILABE 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)

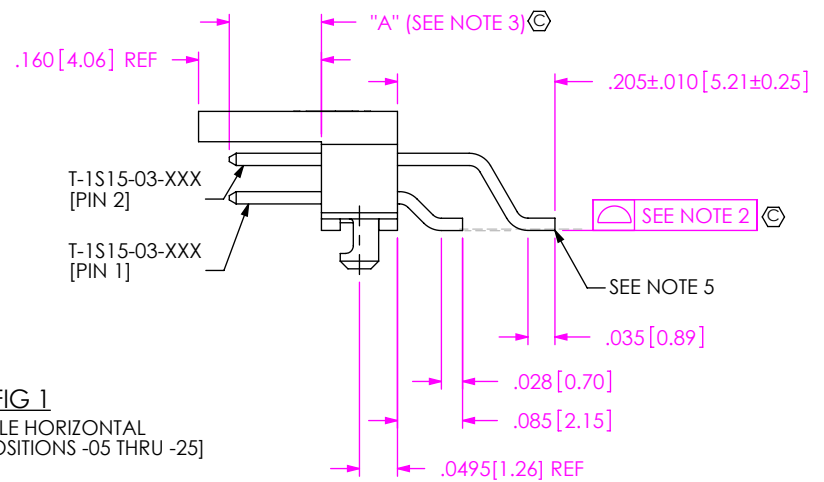
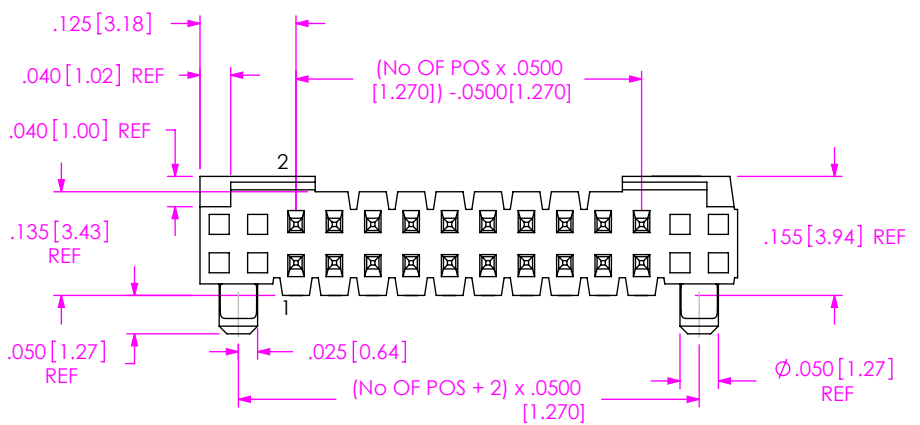


FIG 1
 -DH: DOUBLE HORIZONTAL
 [AVAILABLE IN POSITIONS -05 THRU -25]

- NOTES:
- ⊗ REPRESENTS A CRITICAL DIMENSION.
 - COPLANARITY TO INCLUDE INSULATOR: .0060[.152].
 - MAXIMUM HEIGHT VARIATION BETWEEN ROWS: .005[.13].
 - MINIMUM PUSHOUT FORCE: .5 LB.
 - MAXIMUM BURR ALLOWED [SHEARED TAILS]: .002[.05].
 - MAXIMUM ALLOWABLE BOW: .002[.05] INCH/INCH AFTER ASSEMBLY.
 - FIRST AND LAST PINS TO BE FLUSH TO .002 ABOVE LINE MADE BY BODY (SEE SHT 3).
 - MAX FLASH TO BE .015[.38].
 - ⊗ END SHROUDS NOT TO BE CUT.
 - 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.
 - FOR POSITIONS 13-27, MIDDLE SHROUD WILL NOT BE CENTERED FOR ODD POSITION PARTS.
 - FIRST AND LAST PINS TO BE FLUSH TO .004 ABOVE LINE MADE BY BODY AND PIN 1 (SEE SHT 4).

PATENT NUMBERS
 6159045

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01[.3] 2° .XXX: ±.005[.13] .XXXX: ±.0020[.051]	PROPRIETARY NOTE * THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.	 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		BY: DEANP 9/8/1999 SHEET 1 OF 4

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]

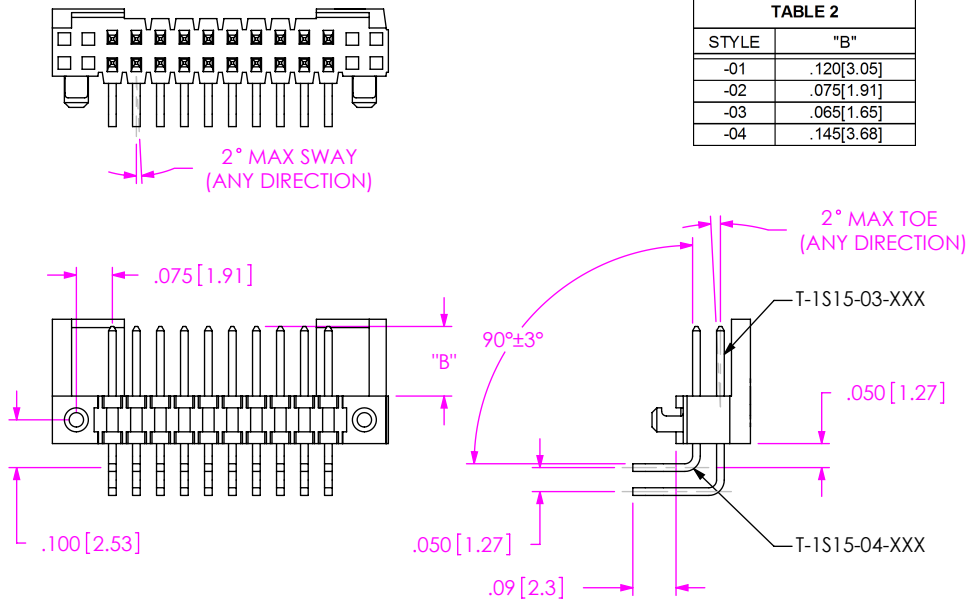
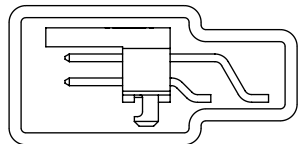
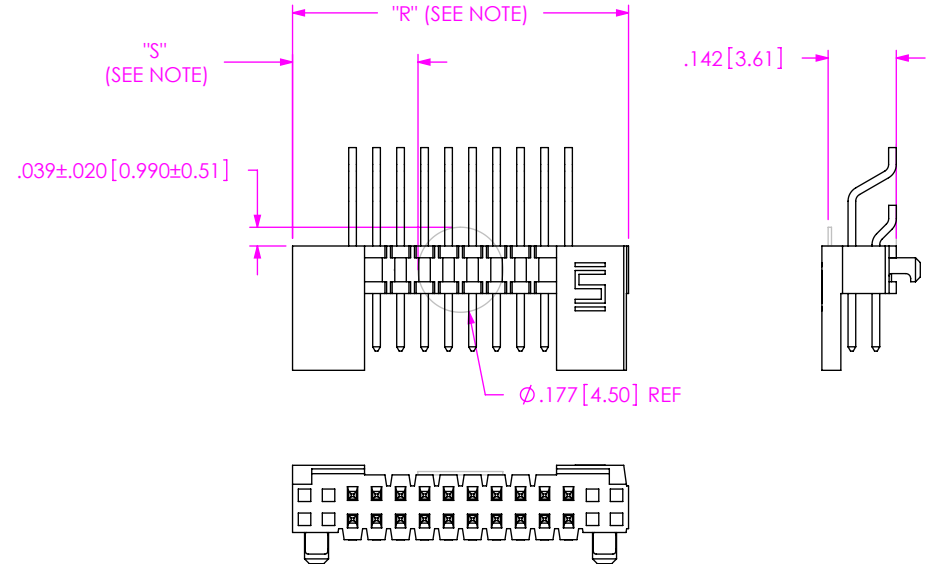


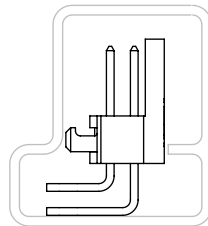
FIG 3

-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

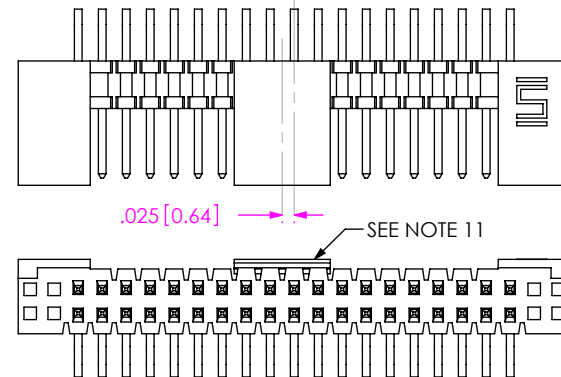


FIG 4
 FSH-119-XX-XX-RA-XX
 SHOWN

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

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DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1



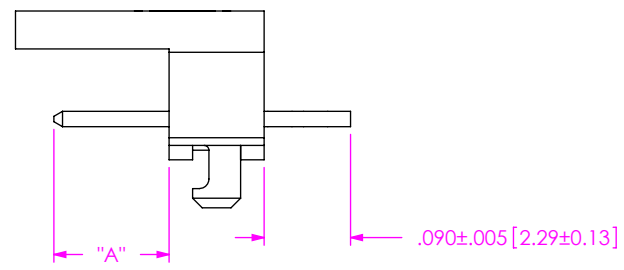
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 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
 .050 SHROUDED TERMINAL ASSEMBLY

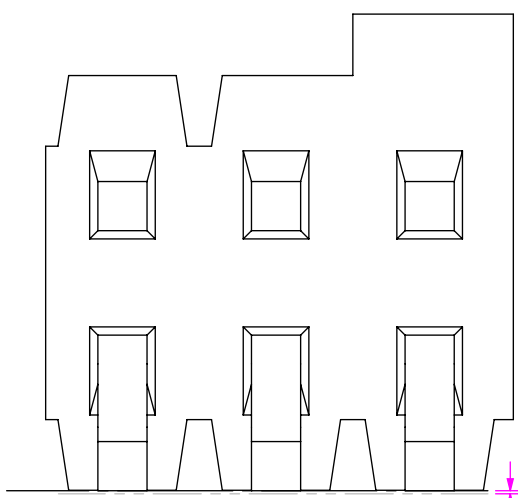
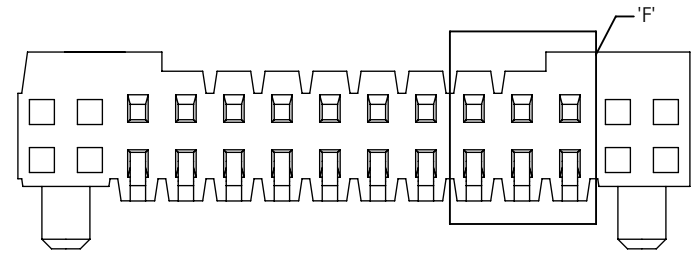
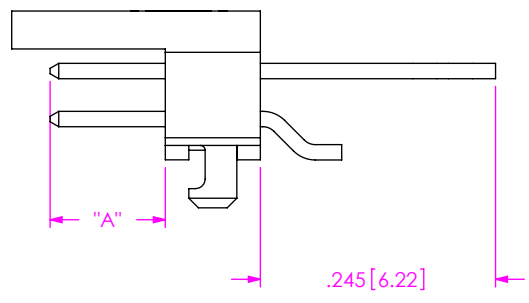
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 FSH-1XX-XX-XXX-XX-XX-X-XX

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IN-PROCESS 1



IN-PROCESS 2
(AFTER FIRST ROW FORMED)



$.001 \pm .001 [0.03 \pm 0.03]$
(SEE NOTE 7)

DETAIL 'F'
SCALE 16:1

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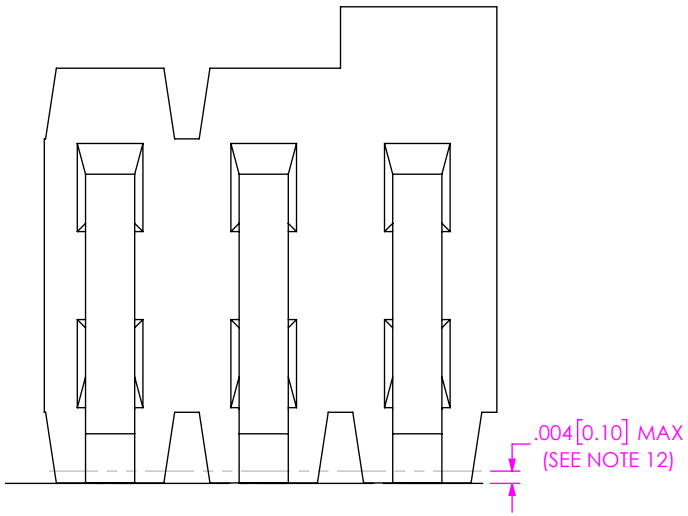
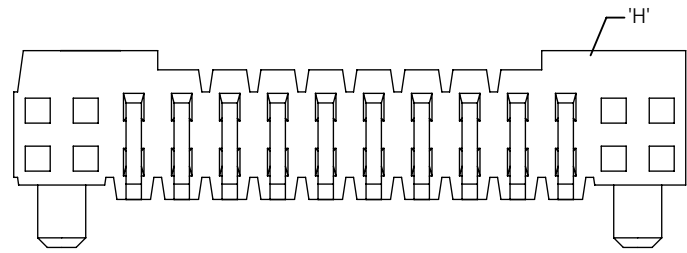
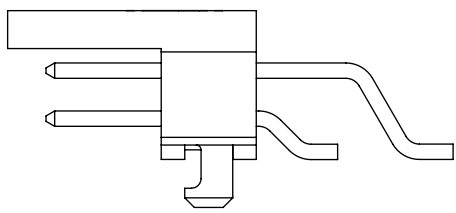
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SHEET SCALE: 2.5:1

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DETAIL 'H'
SCALE 16:1

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