

Technical drawing of a connector assembly showing two views: a top view and a side view.

Top View Dimensions:

- Overall Width: $((\text{No OF POS} + 4) \times .0500 [1.270]) \pm .008 [1.270]$
- Pin Pitch: $.016 [0.41] \text{ SQ REF}$
- Central Pin Array Width: $.150 [3.81] \text{ REF}$
- Pin Array Width: $(\text{No OF POS} \times .0500 [1.270]) - .0500 [1.270]$
- Pin Array Spacing: $.025 [0.64]$
- Pin Array Pitch: $(\text{No OF POS} + 2) \times .0500 [1.270]$
- Pin Diameter: $\varnothing .050 [1.27] \text{ REF}$
- Pin Array Width: $.155 [3.94] \text{ REF}$
- Pin Array Height: $.135 [3.43] \text{ REF}$
- Pin Array Width: $.040 [1.00] \text{ REF}$
- Pin Array Height: $.040 [1.02] \text{ REF}$
- Pin Array Width: $.125 [3.18]$

Side View Dimensions:


- Overall Height: $.259 [6.58] \text{ REF}$
- Pin Height: $.099 [2.51] \text{ REF}$
- Pin Array Width: $.155 [3.94] \text{ REF}$
- Pin Array Height: $.135 [3.43] \text{ REF}$
- Pin Array Width: $.040 [1.00] \text{ REF}$
- Pin Array Height: $.040 [1.02] \text{ REF}$
- Pin Array Width: $.125 [3.18]$

Notes:

- SEE NOTE 10

Table:

.065 [1.65]
.145 [3.68]

1.  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. 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).

-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)

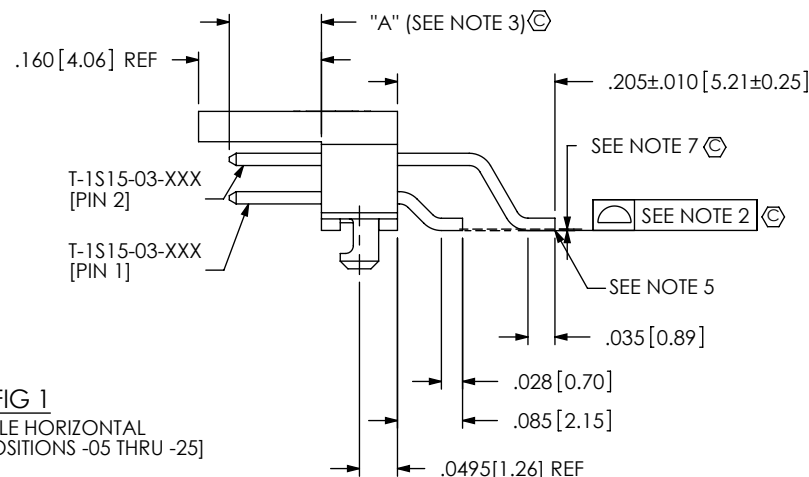


FIG 1
-DH: DOUBLE HORIZONTAL
[AVAILABLE IN POSITIONS -05 THRU -25]

SHEET 1 OF 4

PATENT NUMBERS
6159045

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]

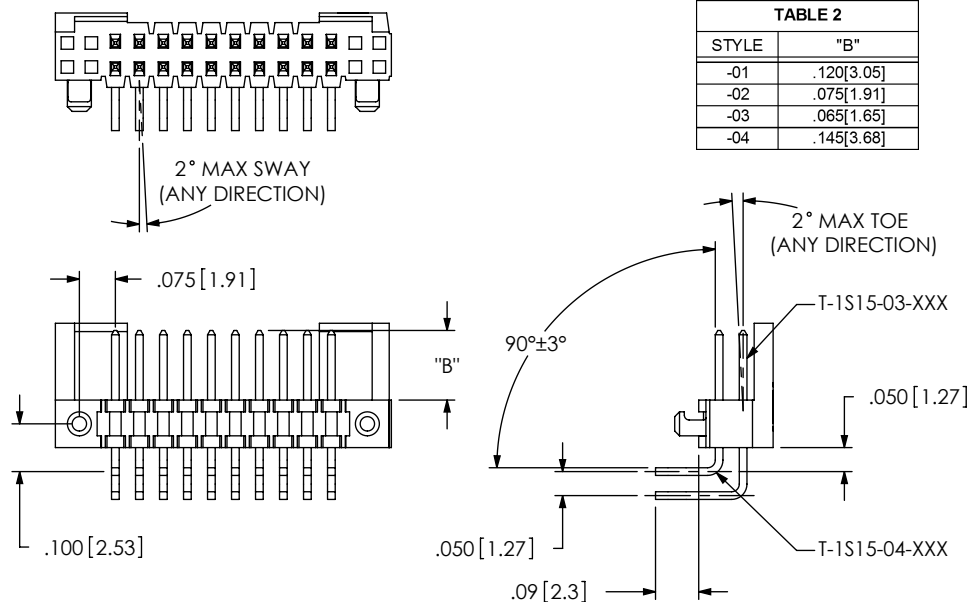
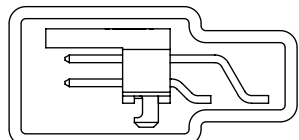
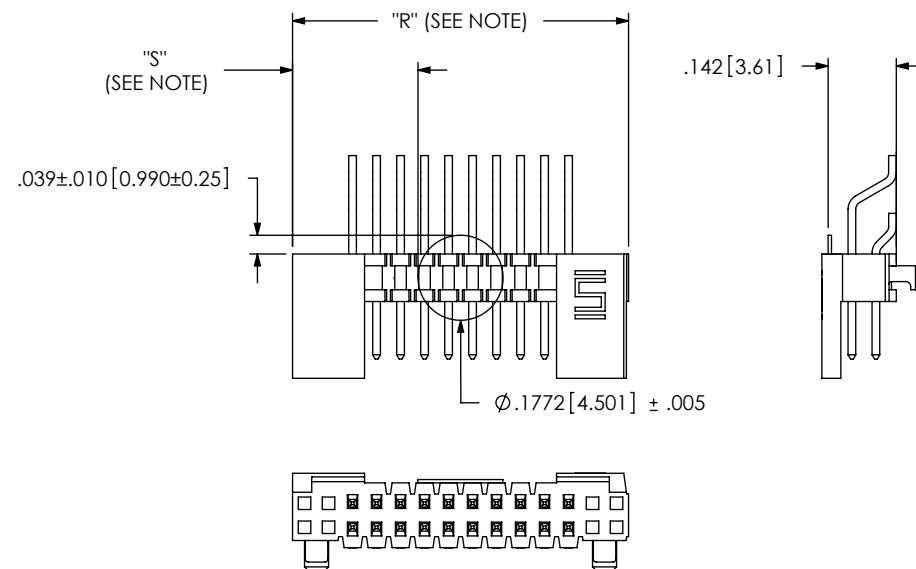


FIG 3

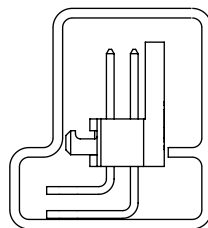
-C: POLYIMIDE FILM

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

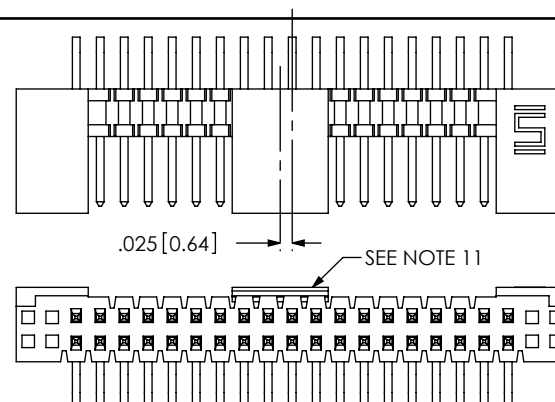


FIG 4

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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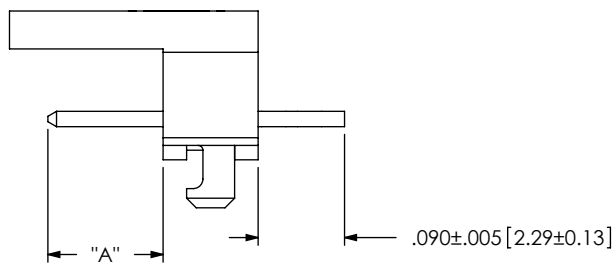
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e-Mail: info@SAMTEC.com code: 55322

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.050 SHROUDED TERMINAL ASSEMBLY

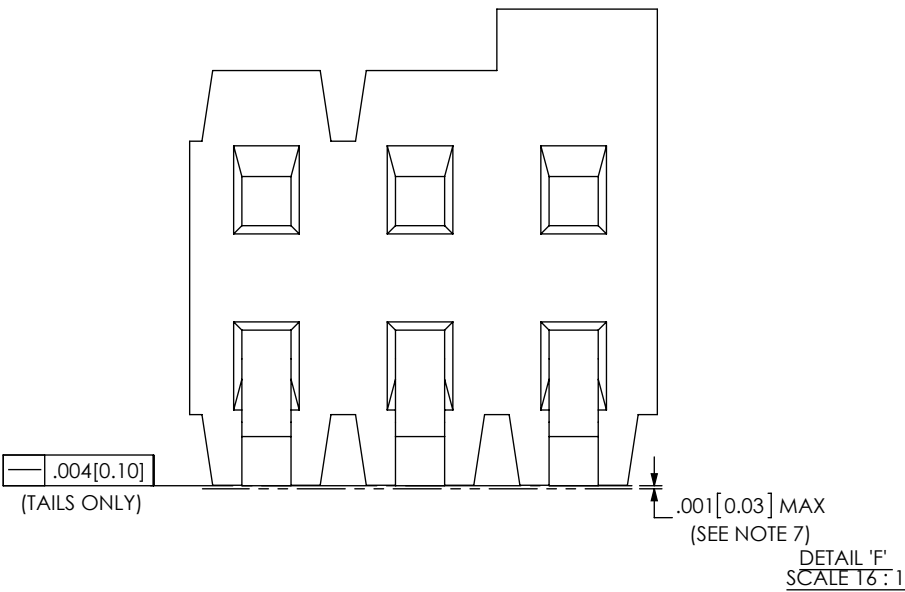
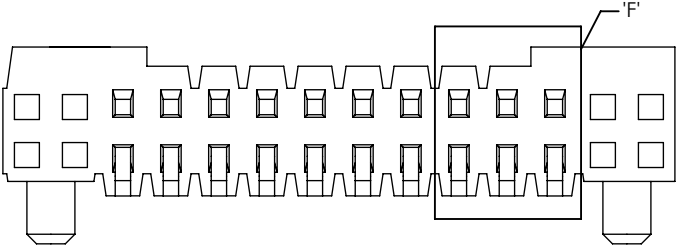
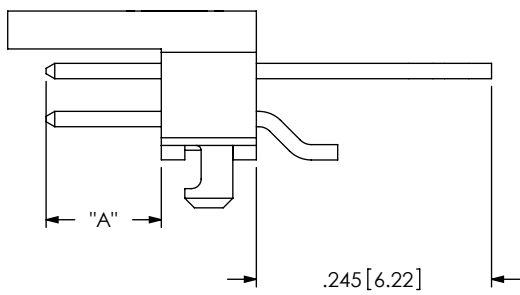
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IN-PROCESS 1



IN-PROCESS 2
(AFTER FIRST ROW FORMED)



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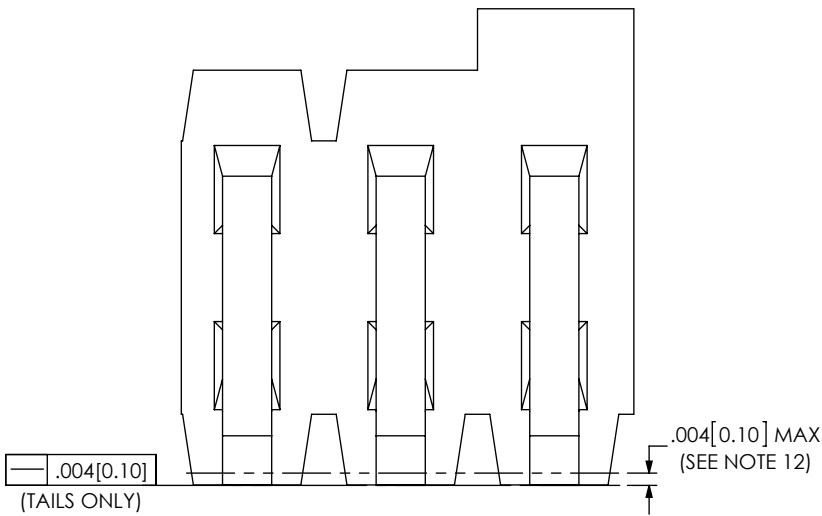
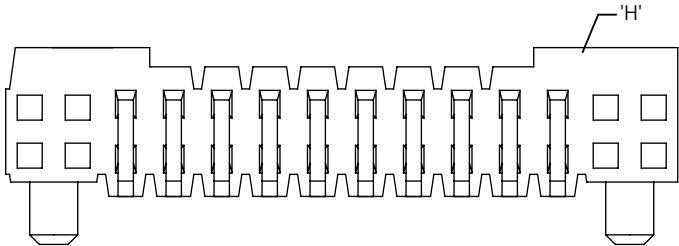
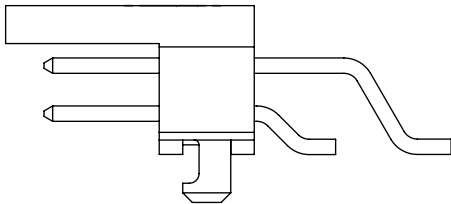
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DETAIL 'H'
SCALE 16:1

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