

DO NOT
SCALE FROM
THIS PRINT

NOTES:

1. $\textcircled{C}$ REPRESENTS A CRITICAL DIMENSION.
2. MAX. CUT FLASH: .015[.38]; NO FLASH ALLOWED IN OR AROUND SURFACE MOUNT TAIL AREA.
3. MINIMUM PUSHOUT FORCE: 1 LB.
4. MAX. PIN VARIANCE : .005[.13].
5. SHEAR TAILS TO DIMENSION SHOWN, .003 [.08] MAX BURR.
6. COPLANARITY TO BE WITHIN .004 WHEN AT POSITION 05-25 AND BE WITHIN .006 WHEN AT POSITION 26-50.
7. FIRST AND LAST PIN OF EACH ROW TO BE FLUSH TO .003[.08] ABOVE BODY.
8. ENDWALL TO BE .008 MIN.
9. NOTE DELETED.
10. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
11. ATTACH LABEL TO EACH REEL.

FTMH-1XX-XX-XX-DH-X-XX

No OF POSITIONS

-05 THRU -50
(PER ROW)

LEAD STYLE SPEC

-03: .065 POST
(USE T-1S16-01-X-2)
-02: .075 POST
(USE T-1S16-01-X-2)

PLATING SPEC

-L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
-F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
-H: HEAVY GOLD, 30 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
-LM: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
-FM: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL

PACKAGING

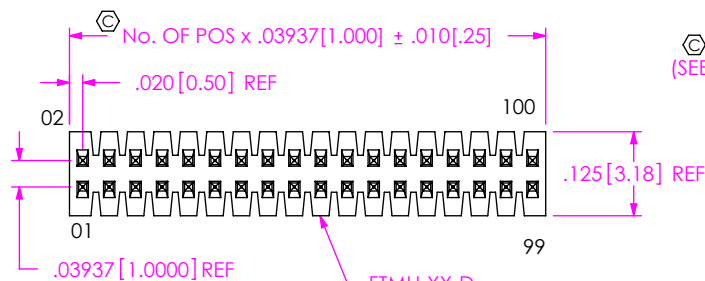
BLANK: TUBES
-TR: TAPE & REEL
(SEE NOTES 10 & 11)
-FR: FULL REEL QTY TAPE & REEL
(SEE NOTES 10 & 11)

PICK & PLACE OPTION

-K: POLYIMIDE FILM PAD
(-05 THRU -50 POSITIONS ONLY)

ROW SPECIFICATION

-DH: DOUBLE HORIZONTAL
(USE FTMH-75-D)

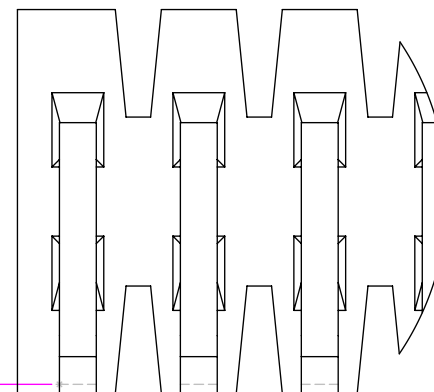
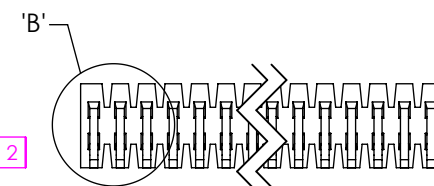
"A"
(SEE NOTE 4)T-1S16-01-XX-2 (PIN 1)
T-1S16-01-XX-2 (PIN 2)

.102±.010[2.59±0.25]

.190±.010[4.83±0.25]

SEE TABLE 2

$\textcircled{C}$.003[0.08] MAX
(SEE NOTE 7)



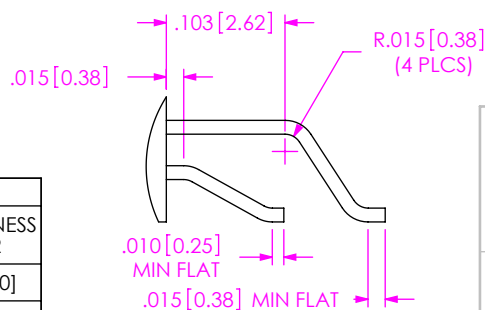
DETAIL 'B'
SCALE 16:1

TABLE 1

LEAD STYLE	"A"
-02	.075 [1.91]
-03	.065 [1.65]

TABLE 2

NO OF POS	COPLANARITY	STRAIGHTNESS ROW 1	STRAIGHTNESS ROW 2
5-25	.004 [0.10]	.004 [0.10]	.004 [0.10]
26-50	.006 [0.15]	.006 [0.15]	.006 [0.15]
75 (SUB ASSEMBLY ONLY)	.008[0.20]	.008[0.20]	.008[0.20]



DETAIL 'A'
SCALE 6:1

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
X: ± .1[2.5]
.XX: ± .01[.3]
.XXX: ± .005[.13]
.XXXX: ± .0020[.051]

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MATERIAL:
BODY: LCP, UL 94 V0, COLOR: BLACK
TERMINAL: PHOS BRONZE, 510

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SHEET SCALE: 1:1

F:\DWG\MISC\MKTG\FTMH-1XX-XX-XX-DH-X-XX-MKT.SLDDRW

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 53322

DESCRIPTION:
1MM X 1MM HORIZONTAL SMT TERMINAL STRIP

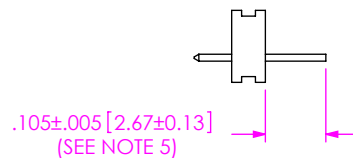
DWG. NO.

FTMH-1XX-XX-XX-DH-X-XX

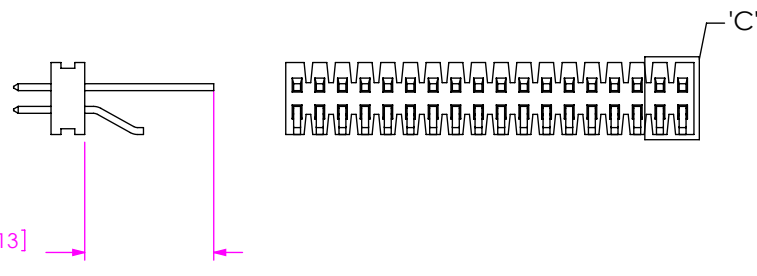
BY: D. PURVIS

10/13/1998

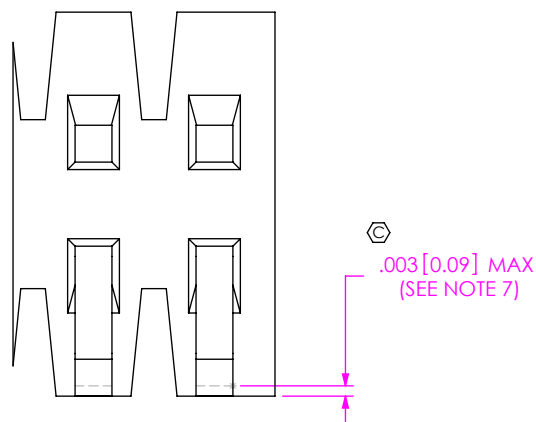
SHEET 1 OF 2



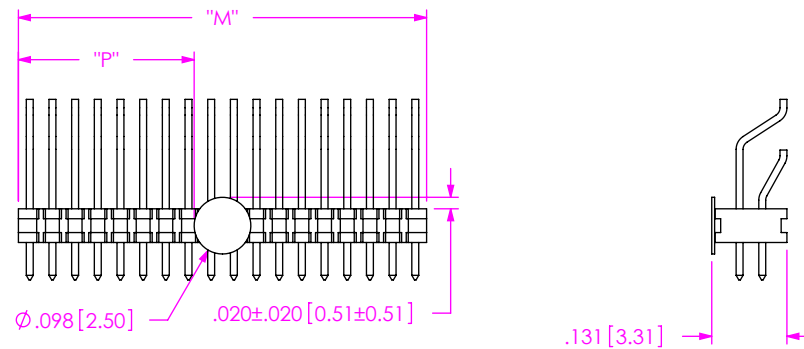
IN-PROCESS 1



IN-PROCESS 2



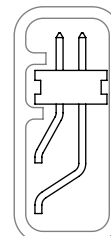
DETAIL 'C'
SCALE 16:1



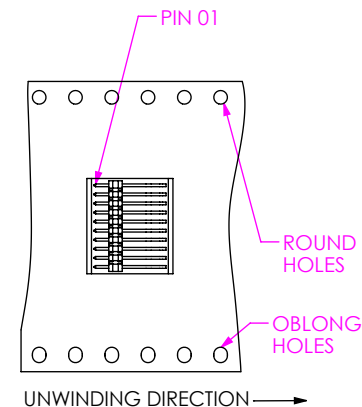
NOTE: "M" = USE MEASURED DIMENSION (REF)
"P" = (("M" - .098 [2.50]) / 2) ±.020 [.51]

-K OPTION
POLYIMIDE FILM PAD (USE K-DOT-.098-.222-.005)
(AVAILABLE ON -05 THRU -50 POS ONLY)

TUBE:
PT-FTMH001-DH
PLUG:
TP-24



STYLE -02 & -03
PACKAGING VIEW



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SHEET SCALE: 1:1

samtec

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

DESCRIPTION:
1MM X 1MM HORIZONTAL SMT TERMINAL STRIP

DWG. NO.
FTMH-1XX-XX-XX-DH-X-XX

BY: D. PURVIS 10/13/1998 SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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