

F9J GCB @

8C BCH
G7 5@9: FCA
HK\$100 BH

G A L!%L L!L L!L L!8!L L

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Bc 'C : DC GHc BG
--- !$ H F1 !) $ fD9F F C K E
@958 GHM@ !$ & G F: 579 A C I B H
... f1 G971((!$&LLL@ !@& G F: 579 A C I B H
... fC K -B G9F Hc B E
... f1 G971*%$&LLL@ !H & G F: 579 A C I B H
... fD< C G 6FC BN@E
... f1 G971%! $&LLL

```

!H. 'H D9/ F 99@D5 7?5; +B;
... fG99: = "&G<H' &L
!?. DC @!5 A 8?9: @A D5 8 f1\$\$)
... H 7? B 9GGK H G@? C B 9'5 8<9G9 9L
... f1 G9?!) \$\$! \$!\$!f699: = " " ZG<H' &L

— F C K @D97 =? 5 H C B
!8. 8C1 6@9 F C K
... f1 G9? G A LILL!8!L

— @HB; @D97 =? 5 H C B
97 H 9
@G: @G<98 D5 @5 8+A B 7?9@
G< G9@7 H 9; C @G
5 J M: C @G
<H9@7 H 9; C @G
9@7 H 9; C @G#HB!@5 8 H @
C B@M5 J 5 @5 6@9 C B; !\$&/!@?@5 8 GH@9@L
9@7 H 9?A 5 H@9 HB @
G< G@9@7 H 9?A 5 H@9 HB H @
@< H9@7 H 9?A 5 H@9 HB H @

The diagram illustrates a 5-axis CNC machine tool with the following features and labels:

- Tool Paths:** The machine is shown with several tool paths: a vertical path labeled "fB c 'C: DC G1 \"\$) \$0%&+Q ! \"\$) \$0%&+Q", a horizontal path labeled "fB c 'C: DC G1 \"\$) \$0%&+Q ! \"\$) \$0%&+Q", and a diagonal path labeled "fB c 'C: DC G1 \"\$) \$0%&+Q ! \"\$) \$0%&+Q".
- Tool Selection:** A vertical slot labeled "%\$[&+]" and "F9:" indicates the current tool selection.
- Tool Change:** A vertical slot labeled "%\$[\"+]" and "F9:" indicates the next tool change.
- Tool Change Sequence:** A sequence of tool changes is shown, with labels like "\$') [\$, -] F9: fHM", "%\$[\"+]" and "F9:", and "\$+\$[%+,] F9:".
- Tool Change Points:** Specific points on the machine's structure are marked with arrows and labels: "G97 H€ B '5 ! 5 ".

Diagram illustrating a 100-pin edge connector with specific pin assignments and labels:

- Top Label:** MDŁ
- Left Label:** fHMĐ
- Pin 1:** "(\$*) [%*%] F9;
- Pin 2:** "(\$() [%%() F9;
- Pin 3:** "(\$%* [\$"(%) F9;
- Pin 4:** "(\$ \$ [%&+] F9;
- Pin 5:** "(\$*) [("%%] F9;
- Pin 6:** G97 H€ B "6!"6"
- Pin 7:** G99 B C H&
- Pin 8:** "(\$) Z"\$\$& [("*" - Z\$\$*) !\$%"]
.....fG99 B C H& *"
- Pin 9:** !(" & °
- Pin 10:** 78

BC HPG

```
%"⑦.....F9DF9G9BHG5'7F#H75@8A'9BGECB"
&"7CDG5B5F#M$$("C%$Q:CF'DC G%"%HFCI *&
"$$%"%Q:CF'DC G%"&+HFCI )$"
;"A-B-A!A-DI G<CIH:CF79.")"⑥"
(("A5L!A1A5@CK56@96CK."$$&B7<#B7<5:HDF5GG9A6@M
")"DCGHCBG!%"%HFCI; <1(&K<<5J9C B@MCB97@D5H8A9BGECB G<CKB/
...."DCGHCBG!%"HFCI; <1'(&K<<5J9HK C7@DG5H8A9BGECB G<CKB/
...."DCGHCBG!%"HFCI; <1')$K<<5J9HFCI7@DG HK C5H8A9BGECB G<CKB/
...."C9B79BHF98CB B@GFCI
**"A5L<9<HJ5F5HCB69HK99B5BMHK C'DBGC69$$"%"Q:Q

```

A 5 H F 5 @
B G @ H C F J 97 H 5 '9% \$]
7 C B H 7 H 6 Y 7 i
..... D < C G 6 F C B N 9'

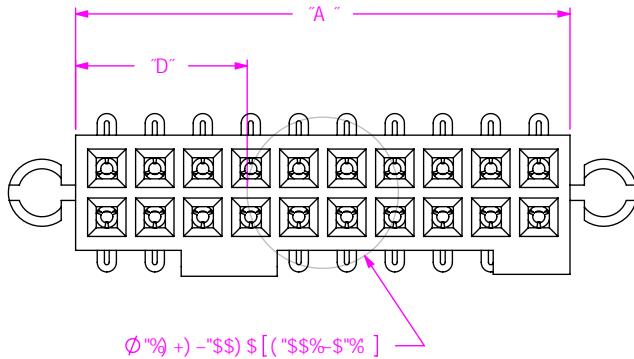
Samtec

) & \$ D5 F? 95 GH6@ 8 ZB 9K '5 @ 65 BM B' (+ % \$
D < C B 9 , % & - (! + ' 5 L , % & - (, !) \$ (+
Y ! A U ! b Zc 4 G5 A H97 " Wc a Wc XY .)) ' & &

CB.
+Q1 \$" \$C%&+Q@ 7 ?B; 'GC 7 ?9H5GG9A 6CM
A L!%L!L!L!L!L!L!L!
F5H7 <9F #& # - G<99H% C: &

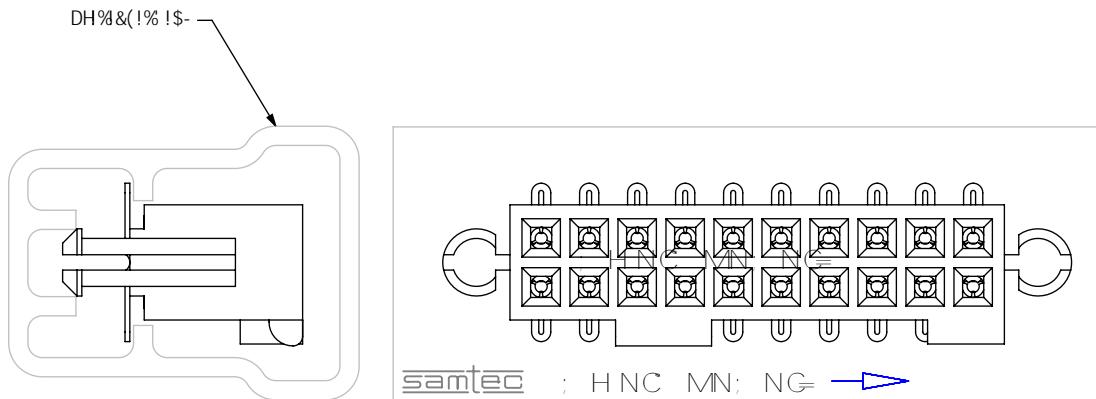
F9J GC B

!?. DC @M5A 89: & A D58 C DH€ B
fG< C K B. G A L!%\$!LL!LLL!8!?!&



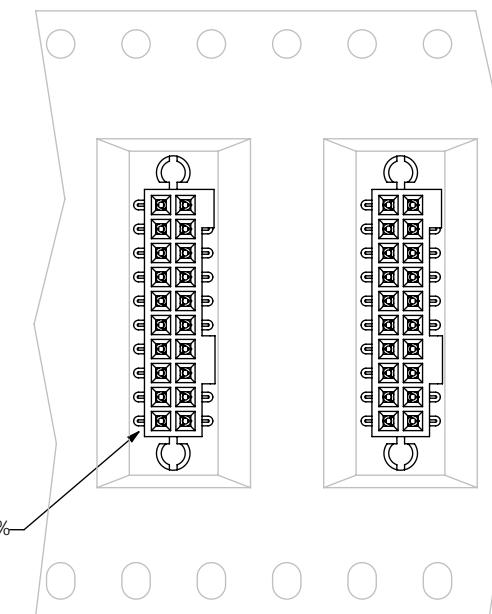
B C H9.
"A "1| G98 'A 95 G1 F98 '8 A 9B G€ B ff9: £
"D"1 df|A "!"%" +) Q ("\$\$\\$Q#&Q ±"\$\$&O) %Q

D57?5; B; J 9K

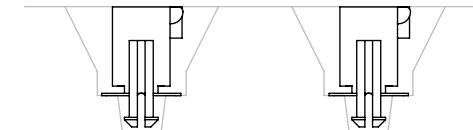


B C H9.
....%"D5 F H9'HC '69'D5 7 ? 5; 98 'B 'DH%&(!% !\$- 'H 69GK #
...."H C 'HDI&('D@ ; G'D9F 'H 69"
....&"C 58 D5 F H9K #k B C H7 <H C K 5E8G5FFC K "

!HF. !H D9/ F99@D5 7?5; B;



I BK B8B; '8F97 HC B →



:P8K : PA €7 Pa _H PG A L!%L!L!L!L!L!L!A ?HG@88FK

D F C D F - H F M B C H
 1-K:6C 71 A 9B7C B1H B6G B: CFA 5H C B
 C: B9H5B@5B8 DFC D@F5HFC
 5A 9H7 Z 2T "5B 5@C 6B9H 9F0C B1 7 9B
 F: C 5F5B 9F9B C H: C9 8C 71 A 9B H C F
 97 G@C 69C C H: C9 F5G C F1 9B: C5 5B M
 F D C 9C H: C9 H: 5B 5H: H K: < 7 < H 5G
 6 5B 9B H: C + C 9H 9L D 9G98 K F H 9B
 C B9H 9C: G5 A 97 Z B: "

samtec) & \$ D5 F ? 95 GH@ 8 zB 9K 5 ' 65 BM - B (+ % \$
 D < C B 9 , % & - ((! * + ' 5 L , % & - (, 1) \$ +
 YIA UJ .) bZ 4 G5 A H97 " Mc a - Wc XY .)) &
 C B .
& + QI (\$) \$O & + Q C C 7 ? B ; GC 7 ? 9H5 G9A 6@
 " A L ! % L ! L L ! L L L ! 8 ! L L
 F 5 H7 < 9F # & (# - G < 99H & C : 8

4 6E5H7 <9E 8#(#