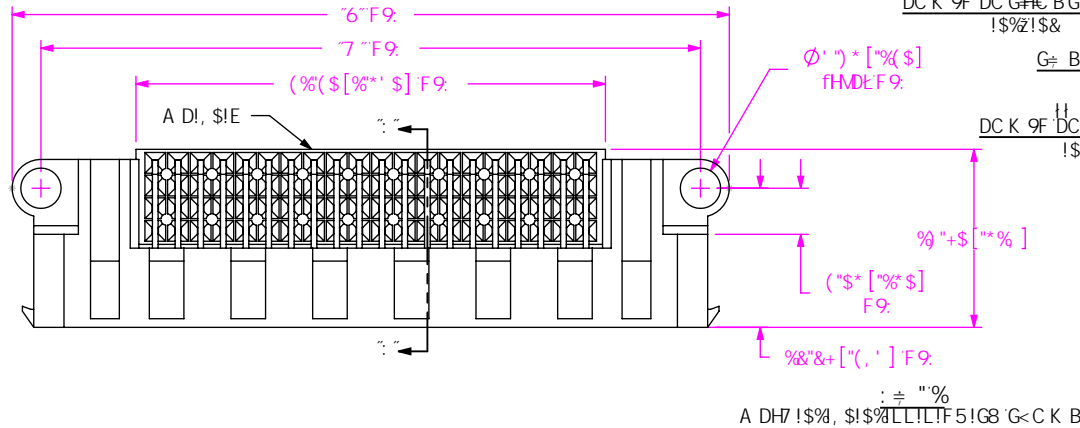


F9J GCB;

8C B'CH  
G7 5@: FCA  
Hk GDF BH

89G B98/ 8A 9BGC B98  
B'A @A 9HFG

A DH7 !LL!LL!LL!\$%LL!L!F5!LL



DC K 9F 'DC GHC BG'FD9F '9B8L  
!\$%&!\$&  
G B5@DC GHC BG  
!, \$f('L'&\$L  
H !&('L'\*L  
DC K 9F 'DC GHC BG'FD9F '9B8L  
!\$%&!\$&

@958GM@  
!\$%

H5 @@B: Hk  
!\$%: C F '%' +O\$\* &Q  
.....Hk-? 'D7 6  
...fl G9G 6!H%A (\$!\$%LL  
!!\$&: C F '%' O\$&) Q  
.....Hk-? 'D7 6  
...fl G9G 6!H%A (\$!\$%LL  
!!!\$': C F '&' \*O\$-' O  
.....Hk-? 'D7 6  
...fl G9G 6!H%A (\$!\$' !LL  
! 1 G99H56@&: C F 5J 5 @56@7 CA 6B5HC BG  
!! 1 BC HHC @98  
!!! 1 BC HF 9@95G98: C F DFC 8I 7 HC B

C DHC B  
!G8: G7 F9K '8C K B  
.....fG99: = "%G<H%L  
!@: @ 7? B: '7 @D  
.....fl G9@!\$+!HA L  
.....fG99: = "%G<H%L  
F = <H5B: @

D@HB: GD97 = 7 5HC B  
!@ G99 H5 6@'  
!H G99 H5 6@'

A DH7 !\$, !\$%LL!L!F5!G8 'G<C K B

TABLE 1

| PART NUMBER                    | BODY            | POWER TERMINAL SUB-ASSEMBLY | SIGNAL TERMINAL |             |             |             | "A"          |
|--------------------------------|-----------------|-----------------------------|-----------------|-------------|-------------|-------------|--------------|
|                                |                 |                             | TERMINAL 1      | TERMINAL 2  | TERMINAL 3  | TERMINAL 4  |              |
| MPTC-XX-XX-XX-01-XX-X-RA-XX    | MPT-XX-RA-XX-XX | SUB-T-1M40-01-X             | T-1S68-01-L     | T-1S68-02-L | T-1S68-03-L | T-1S68-04-L | 2.72 [0.107] |
| **MPTC-XX-XX-XX-02-XX-X-RA-XX  |                 | SUB-T-1M40-02-X             | T-1S68-05-L     | T-1S68-06-L | T-1S68-07-L | T-1S68-08-L | 4.32 [0.170] |
| ***MPTC-XX-XX-XX-03-XX-X-RA-XX |                 | SUB-T-1M40-03-X             | T-1S68-11-L     | T-1S68-11-L | T-1S68-11-L | T-1S68-11-L | 3.51 [0.138] |

!! 1 BC HHC @98

!!! 1 BC HF 9@95G98: C F DFC 8I 7 HC B

TABLE 3

| PLATING | POWER PIN CONTACT AREA | POWER PIN TAIL | SIGNAL PIN CONTACT AREA | SIGNAL PIN TAIL |
|---------|------------------------|----------------|-------------------------|-----------------|
| -L      | LIGHT GOLD             | MATTE TIN      | LIGHT GOLD              | MATTE TIN       |
| -T      | MATTE TIN              | MATTE TIN      | LIGHT GOLD              | MATTE TIN       |

BC H9G

%(' F9DF 9G9BHG 5 '7 F+H7 5@8A 9BGC B"  
&' 6I FF 5@K 5B7 9: '\$\$', O\$%QA 5L"  
' "A B A I A 'DI G<C I H: C F7 9: '&'&B 'O' @Q  
( "D5FHGHC '69D57?5: 98 'B 'H5MG'  
) "6C K '5@K 98 5H\$(\$+) A A O\$' \$G&) "SA A O-, Q

I B @9G 'C H 9FK 49 GD97 = 982  
8A 9BGC BG5F9 B A @A 9HFG'  
HC @F5B7 9G 5F9.  
897 A 5@G .....5B: @G  
"L: +\$ " O\$O' .....&'  
"LL: +\$% O\$O' O  
"LLL: +\$%) %O\$&SO

DFC DF 9H5FMBC H9

Hk G8C71A 9BH7CBH5BG: CFA5HC B  
7C B: @9BH6@5B8 DFC DF 9H5FMBC  
GSA H97ZB7 "5B8 G<5@BCH69F9DFC 8I 7 98  
CF HF5BG 9F98 HC CH 9F BC71A 9BH6CF  
8 67@C 98 HC CH 9F GCF I 98: CF 5BM  
DI FDC G9CH 9F H5B H5HK <7< HK 5G  
C 9H5 98 K H C I H H 9LDF 9G98 K F H98  
7CB98HC: GSA H97ZB7

A SHF 5@ 8C 'BCHG7 5@9 8F5K B: G<99HG7 5@9: %  
B9G @HC F: @ D27 C @ F: 6@57?  
H9FA B5@7 C DD9F 5@C M

)&\$D5F? 95GH6@ 8ZB9K 5@5BM B' (+)% \$  
D<C B9', %&L-((!'+ .....5L', %&L- (, !)\$ (+  
YIA UJ: )bZ 4 GSA H97 Wc a .....WcXY:))' &&

F = <H5B: @DC K 9F H9FA B5@

8K: "BC"

A DH7 !LL!LL!LL!\$%LL!L!F5!LL

6M 7 @MK &#&#&\$+\$ G<99H% C: (

:.P8K: PA @7PA ?H PA DH7 !LL!LL!LL!\$%LL!L!F5!LLIA ?H98BFK

F9J €€ B ;



7+ & ° A 5 L GK 5 M f H M L

A DH7 !\$, \$!\$%\$%LL!L!F5!@7 G<C K B  
 fG5A 9'5G: ÷ " "%/I B @9G C H k 9F K -G9 G H 98L

⚡ ⚡

⚡ ⚡

| PART NUMBER                 | BODY            | "B"           | "C"           | "D"           | "E"           | "F"           |
|-----------------------------|-----------------|---------------|---------------|---------------|---------------|---------------|
| MPTC-01-80-01-01-XX-X-RA-XX | MPT-02-RA-XX-80 | 63.25 [2.490] | 58.17 [2.290] | 46.88 [1.846] | 48.77 [1.920] | 54.26 [2.136] |
| MPTC-02-80-02-01-XX-X-RA-XX | MPT-04-RA-XX-80 | 73.25 [2.884] | 68.17 [2.684] | 56.88 [2.239] | 58.77 [2.314] | 64.26 [2.530] |
| MPTC-01-24-01-01-XX-X-RA-XX | MPT-02-RA-XX-24 | 35.25 [1.388] | 30.17 [1.188] | 18.88 [0.743] | 20.46 [0.806] | 28.01 [1.103] |
| MPTC-02-24-02-01-XX-X-RA-XX | MPT-04-RA-XX-24 | 45.25 [1.781] | 40.17 [1.581] | 28.88 [1.137] | 30.46 [1.199] | 38.01 [1.496] |



H: 46C71A 9B7CBF5BGB: CFA5HC  
7CB: 89H5@5B8DFC DF 95F5MHC  
G5A H97Z7" 5B8C<5@BCBF69DFC81798  
CFHF589FF98HC HF9F 8C71A 9BHGCF  
867 @C98HC CH9FCGF1G8: CF5BM  
DI FDC9C H: 9F1K5B1K5HK <7< H1K5G  
C6H5B98K H: C1HH: 99LDF9G98K CFH98  
7CB98HC: C H: 7F7"

G<99HG7 5 @9. %) .%

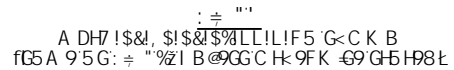
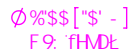
)&\$D5F?95GH6@8zB9K5@65BM:B(+%)\$  
D<C B9,%&!-((!'+''.....:5L,%&!-(!)\$(+  
Y!A U].pZ:4 G5A H97 Wc a ..... Wc XY.)' &&

F = <H5B; @9DC K 9F 'H9FA B5@

A DH7 !LL!LL!LL!\$%LL!L!F5!LL

G<99H&C: (

F9J €€ B '';



H: 68C71A 9B H7CBH5BGB: CFA5HC B  
7CB: 89H5B5B8 DFCDF95FMHC  
G5A H7ZB7"5B8 G: 5BHC69DF8C1 798  
CFH5B9 H7C H: 9F 8C71A 9B H5GCF  
867 @C98 HC CH: 9FGCF1 G98: CF5BM  
DI FDC G9CH: 9F15B H5SHK <7 < HK5G  
C6H5B98 K H: C1 H: 9LDF9G98 K FH8B  
7CBG9BHC: G5A H7ZB7"

G<99HG7 5 @9. %) .%

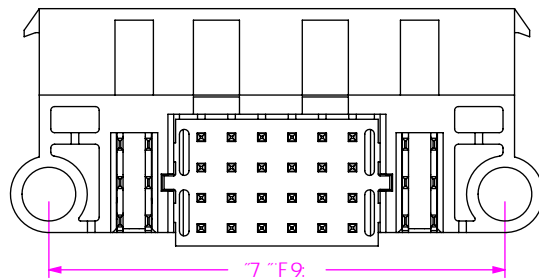
)&\$D5F? 95GH6@ 8zB9K 5@65BM:B (+%\$  
D<C B9. %&!- ((!\*' ' ..... 5L. %&!- (,!)\$(+  
Y!A UJ. jBz 4 G5A H97 Wc a ..... Wc XY.)' &&

F = <H5B; @9DC K 9F 'H9FA B5@


A DH7 !LL!LL!LL!\$%LL!L!F5!LL

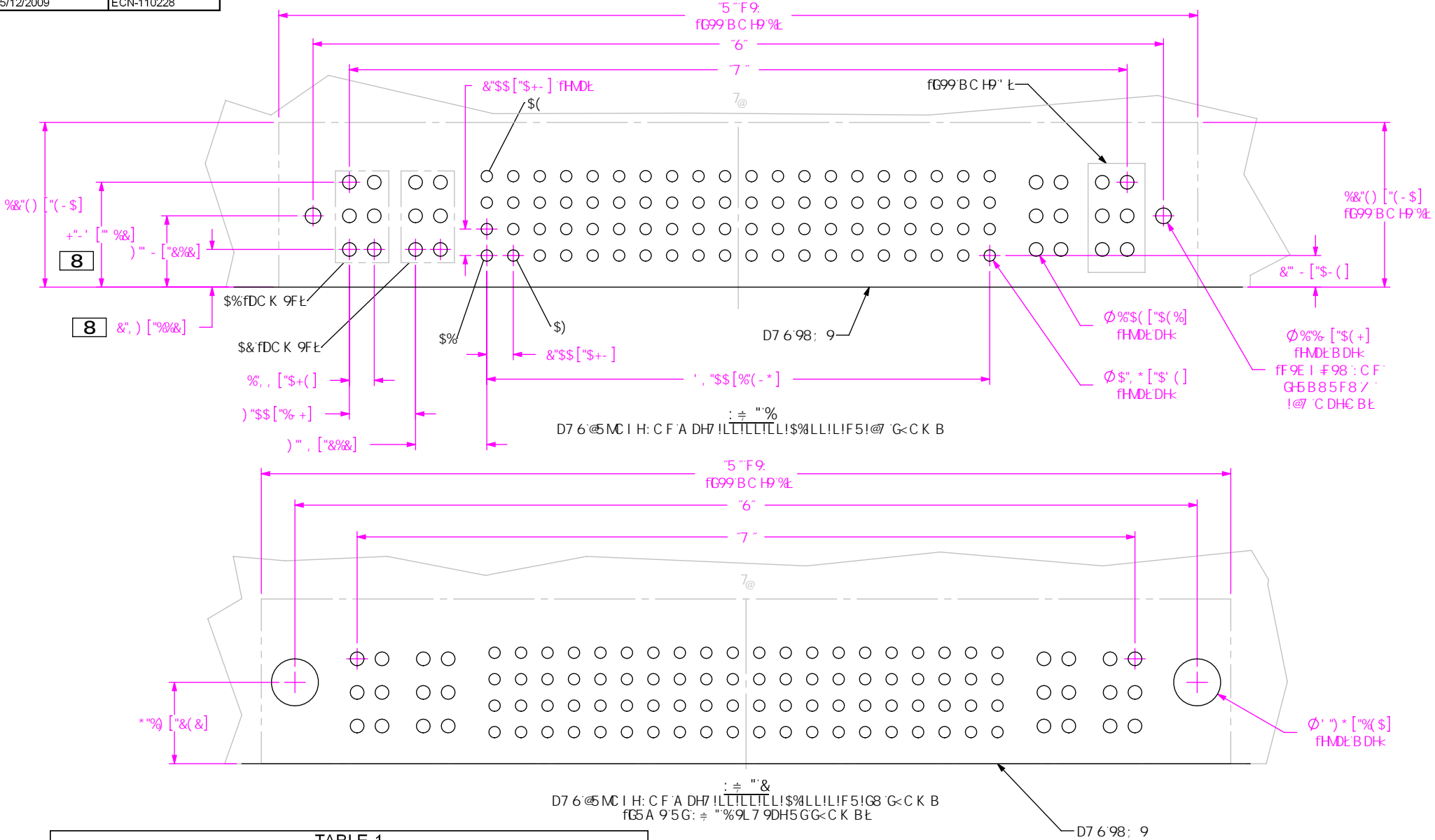
#####

$$G \leq 99H^{100}C: ($$



..P8K ; PA 67 PA ?H PA DH7 !LL!LL!LL!\$%LL!L!F5!LL!A ?HG@88FK

  
 ) & \$ D5 F ? ' 95 GH6 @ 8 Z B 9 K 5 @ 6 5 B M B + ( + % \$  
 D < C B 9 , % & - ( ( ! \* + ' : : : : : 5 L , % & - ( , ! ) \$  
 Y ! A U J , j o z & 4 G 5 A H 7 ' W c a : : : : : W c X Y , ) ' ) &&  
 8 9 G 7 F D H C B .  
 F ÷ < H 5 B ; @ D C K 9 F H 9 F A B 5 @  
 8 K : " B C "  
 A D H 7 ! L L ! L L ! L L ! \$ % L L L ! L ! F 5 ! L L  
 6 M 7 G M K & # & \$ \$ + G < 9 9 H ( ' C : (



| TABLE 1                  |             |             |             |
|--------------------------|-------------|-------------|-------------|
| PART NO.                 | "A"         | "B"         | "C"         |
| MPTC-01-80-01-XX-X-RA-XX | 59.44[2.34] | 54.26[2.14] | 48.77[1.92] |
| MPTC-02-80-02-XX-X-RA-XX | 69.44[2.73] | 64.26[2.53] | 58.77[2.31] |
| MPTC-01-80-01-XX-X-RA-SD | 63.25[2.49] | 58.17[2.29] | 48.77[1.92] |
| MPTC-02-80-02-XX-X-RA-SD | 73.25[2.88] | 68.17[2.68] | 58.77[2.31] |

BC H9G  
%7 C BB97 HC F 9BJ 9@ D9'8 A 9BG C BG "C H 9F '7 C A DC B9BH  
...D@7 98 'C B 'D7 6 G<5 @5 J C -8 'H-6NC B9'  
&"5 @8 A 9BG C BG'5 F9 GMA A 9F 7 '56C I HH 9'7 9BH9F @B9"  
"957 <; FC I D<C @G C B9 DCK 9F 'D B"

89G: B98 / '8 A 9BG C B98  
-B A @A 9HFG

DFC DF 9H5 FMBC H9  
H-68C 71A 9BH7 C BH5 BG B: C FA 5HC B  
7 C B: @9BH5 @5BB DFC DF @H5 FMBC  
GSA H97 Z @7 "5BB G<5 @H5 C H69F9DFC B1 7 98  
CF H5BG 9F98 HC C H: 9F BC 71A 9BHCF  
8 @7 @G98 HC C H: 9F GCF I 98: CF 5BM  
DI FDC 97C H 9F H-5B H-5HK <7 < HK 5G  
C @H5 B98 K H: C I H4 99LDF 9G98 K F H9B  
7 C B98HC: GSA H97 Z @7 "



)&\$ D5F? 95GH6@ 8ZB9K 5@5BMZ B (+)% \$  
D<C B9', %&- ((!\*' .....: 5L', %&- (, !)\$ (+  
YIA UJ: )bZ: 4 G5A H97 Wc a ..... Wc XY:))' &&  
G<99H% C: &-

