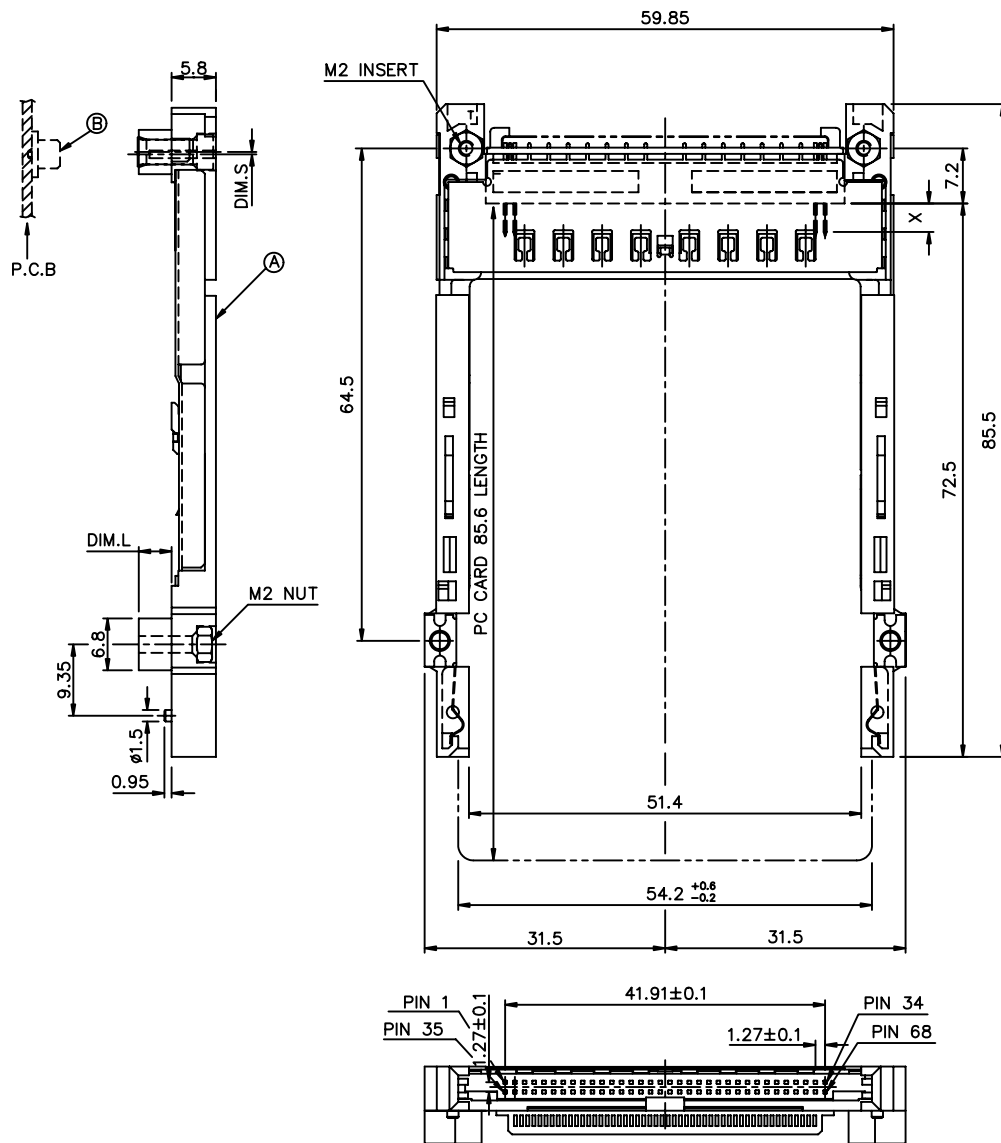


| PRODUCT NO.     | DIM.L | DIM.S |
|-----------------|-------|-------|
| 52599-022/022LF | 2.2   | 1.0   |
| 52599-043/043LF | 4.3   | -0.3  |
| 52599-050/050LF | 5.0   | -0.3  |



P/N: 52599-\*\*\*/\*\*LF  
ABOVE P.C.B

## NOTES:

- MATERIAL:
  - EJECT HEADER ASS'Y  
PLASTIC HOUSING: LCP UL94V-0 BLACK  
PIN: COPPER ALLOY  
PCB: FR4  
PLASTIC GUIDE: POLYPHTHAMID UL94V-0 BLACK
  - RECEPTACLE  
PLASTIC: LCP 94V-0 NATURAL  
PIN: BeCu
- FINISH  
PIN :  
UNDER PLATING: 1.27 um MIN. Ni  
CONTACT AREA: 0.13 um MIN. GOLD OVER  
0.5 um MIN. Pd-Ni  
SOLDER TAIL: 2.5 um MIN. Sn-Pb  
: 2.5 um MIN. PURE Sn (FOR -\*\*\*LF)  
GROUND SHIELD :  
UNDER PLATING: 1.27 um MIN. Ni  
CONTACT SURFACE: 0.2 um GOLD (ONE SIDE ONLY)
- P.C.B. ARE AS APPEARS INSTALLED
- DIM "X"

|          |         |                  |
|----------|---------|------------------|
| 4.25±0.1 | 3.5±0.1 | 5.0±0.1          |
| OTHERS   | 36,67   | 1,17,34,35,51,68 |
- DO NOT TOUCH AND KEEP CLEAN THE SURFACES OF PCB OF HEADER ASS'Y.
- IF LEAD FREE P/N. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.
- LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- IF LEAD FREE P/N. PACKAGING MEETS GS-14-920 SPECIFICATION

## ORDERING INFORMATION

| NAME                   | PART NO.              | Q'TY |
|------------------------|-----------------------|------|
| (A) EJECT HEADER ASS'Y | 52599-***/**LF        | 1    |
| (B) MATING RECEPTACLE  | 73277-101000/101402LF | 1    |



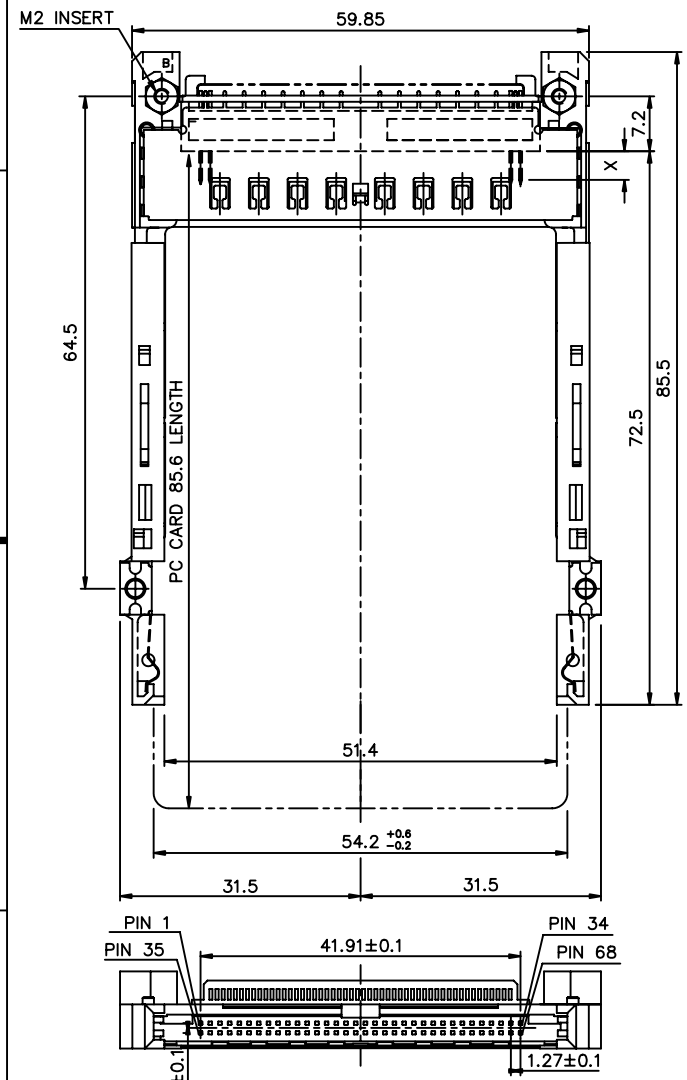
|             |                |     |          |                                       |           |                  |  |            |                                      |                |              |      |  |
|-------------|----------------|-----|----------|---------------------------------------|-----------|------------------|--|------------|--------------------------------------|----------------|--------------|------|--|
| mat'l. code |                |     |          | surface                               |           | tolerance        |  | projection |                                      | product family |              |      |  |
|             |                |     |          | ISO 1302                              |           | ISO 406 ISO 1101 |  |            |                                      | CARDBUS        |              |      |  |
| ltr         | ecm no         | dr  | date     | tolerances unless otherwise specified |           |                  |  |            | title                                |                |              |      |  |
| A           | T00092         | WL  | 04/06/00 | angles                                | linear    | ± 0.30           |  |            | CARDBUS NONE PUSH<br>ROD, TYPE 1/2/3 |                |              |      |  |
| B           | T00270         | WL  | 09/04/00 |                                       |           |                  |  |            |                                      |                |              |      |  |
| C           | N05-0135       | WB  | 05/27/05 |                                       |           | ±2'              |  |            |                                      |                |              |      |  |
| D           | N05-0316       | MZ  | 11/18/05 | dr                                    | Mike Zhou | 08/18/06         |  |            | dwg no                               |                | sheet 1 of 5 | size |  |
| E           | N06-0081       | MZ  | 03/28/06 | enr                                   | Mike Zhou | 08/18/06         |  |            | 52599                                |                | A4           |      |  |
| F           | N06-0220       | MZ  | 08/18/06 | chr                                   | Mike Zhou | 08/18/06         |  |            |                                      |                |              |      |  |
| G           | N08-0028       | MZ  | 11/21/06 | appd                                  | Qin David | 08/18/06         |  |            | type CUSTOMER                        |                | Drawing      |      |  |
| sheet index | revision sheet | G 1 | G 2      | G 3                                   | G 4       | G 5              |  |            |                                      |                |              |      |  |

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| PRODUCT NO.  | DIM.L | DIM.S |
|--------------|-------|-------|
| 52599-550    | 5.0   | -0.3  |
| 52599-550LF  | 5.0   | -0.3  |
| 52599-550MLF | 5.0   | -0.3  |



P/N: 52599-550/550LF/550MLF  
BELOW P.C.B

- NOTES:
- MATERIAL:
    - EJECT HEADER ASS'Y  
PLASTIC HOUSING: LCP UL94V-0 BLACK  
PIN: COPPER ALLOY  
PCB: FR4  
PLASTIC GUIDE: NYLON UL94V-0 BLACK
    - RECEPTACLE  
PLASTIC: LCP 94V-0 NATURAL  
PIN: BeCu
  - FINISH  
PIN :  
UNDER PLATING: 1.27 um MIN. Ni  
CONTACT AREA 1: 0.13 um MIN. GOLD OVER  
0.5 um MIN. Pd-Ni  
CONTACT AREA 2 : 0.25um MIN.GOLD (FOR\*\*\*\*-MLF)  
SOLDER TAIL:1) 2.5 um MIN. Sn-Pb  
:2) 2.5 um MIN. PURE Sn (FOR -\*\*\*LF&-\*\*\*MLF)  
GROUND SHIELD :  
UNDER PLATING: 1.27 um MIN. Ni  
CONTACT SURFACE: 0.2 um GOLD (ONE SIDE ONLY)
  - P.C.B. ARE AS APPEARS INSTALLED
  - DIM "X"

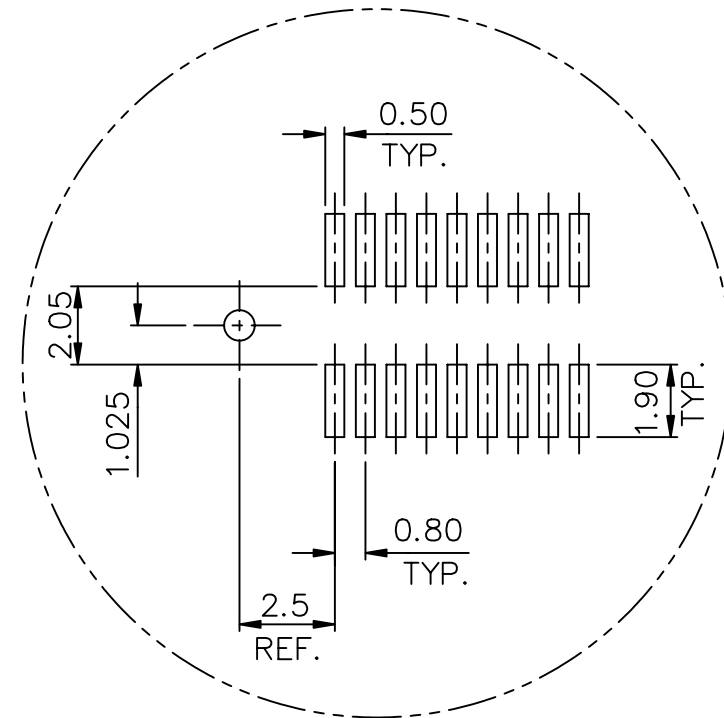
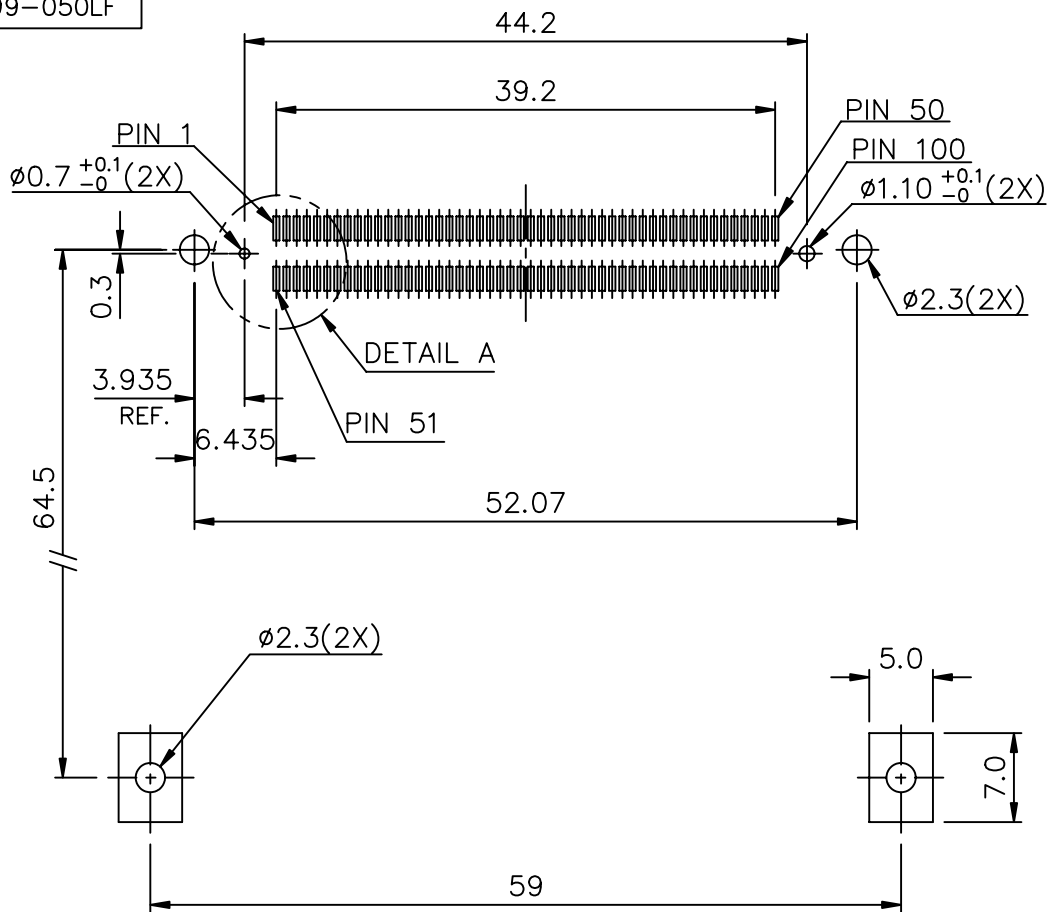
|          |         |                  |
|----------|---------|------------------|
| 4.25±0.1 | 3.5±0.1 | 5.0±0.1          |
| OTHERS   | 36,67   | 1,17,34,35,51,68 |
  - DO NOT TOUCH AND KEEP CLEAN THE SURFACES OF PCB OF HEADER ASS'Y.
  - IF LEAD FREE P/N. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.
  - LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
  - IF LEAD FREE P/N. PACKAGING MEETS GS-14-920 SPECIFICATION

ORDERING INFORMATION

| NAME                 | PART NO.              | Q'TY |
|----------------------|-----------------------|------|
| Ⓐ EJECT HEADER ASS'Y | 52599-***/**/MLF      | 1    |
| Ⓑ MATING RECEPTACLE  | 73277-101000/101402LF | 1    |

|             |                     |                               |                   |                                               |
|-------------|---------------------|-------------------------------|-------------------|-----------------------------------------------|
| mat'l. code | surface<br>ISO 1302 | tolerance<br>ISO 406 ISO 1101 | projection<br>1:1 | product family<br>CARDBUS                     |
| ltr         | ecn no              | dr                            | date              | title<br>CARDBUS NONE PUSH<br>ROD, TYPE 1/2/3 |
| G           |                     |                               |                   |                                               |
|             |                     | angles                        | linear            | ± 0.30                                        |
|             |                     | ±2°                           |                   | scale 1:2:1                                   |
|             | dr                  | Mike Zhou                     | 08/18/06          | dwg no                                        |
|             | enr                 | Mike Zhou                     | 08/18/06          | sheet 2 of 5 size                             |
|             | chr                 | Mike Zhou                     | 08/18/06          | 52599 A4                                      |
|             | appd                | Qin David                     | 08/18/06          | type CUSTOMER Drawing                         |
| sheet index | revision sheet      |                               |                   |                                               |

| PRODUCT NO. |
|-------------|
| 52599-043   |
| 52599-050   |
| 52599-043LF |
| 52599-050LF |



DETAIL A

4 CARD INSERTION DIRECTION

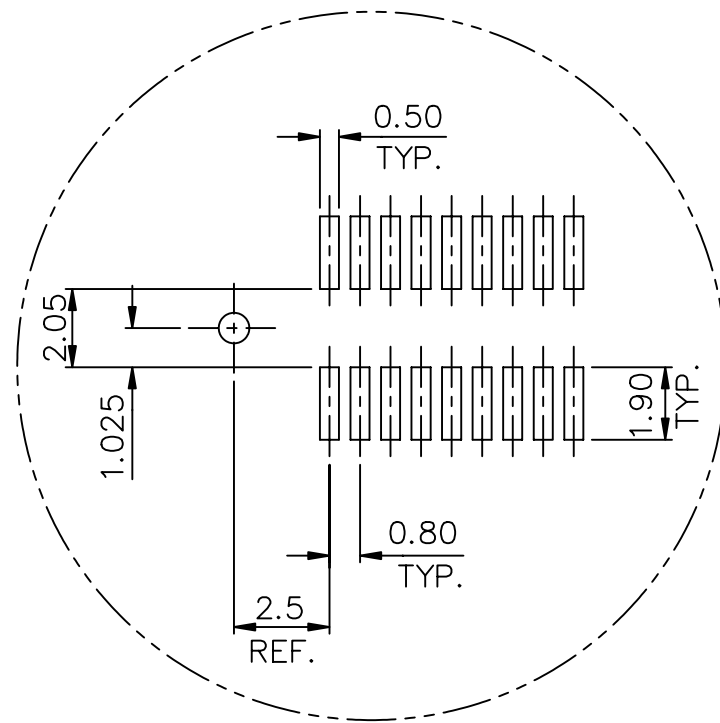
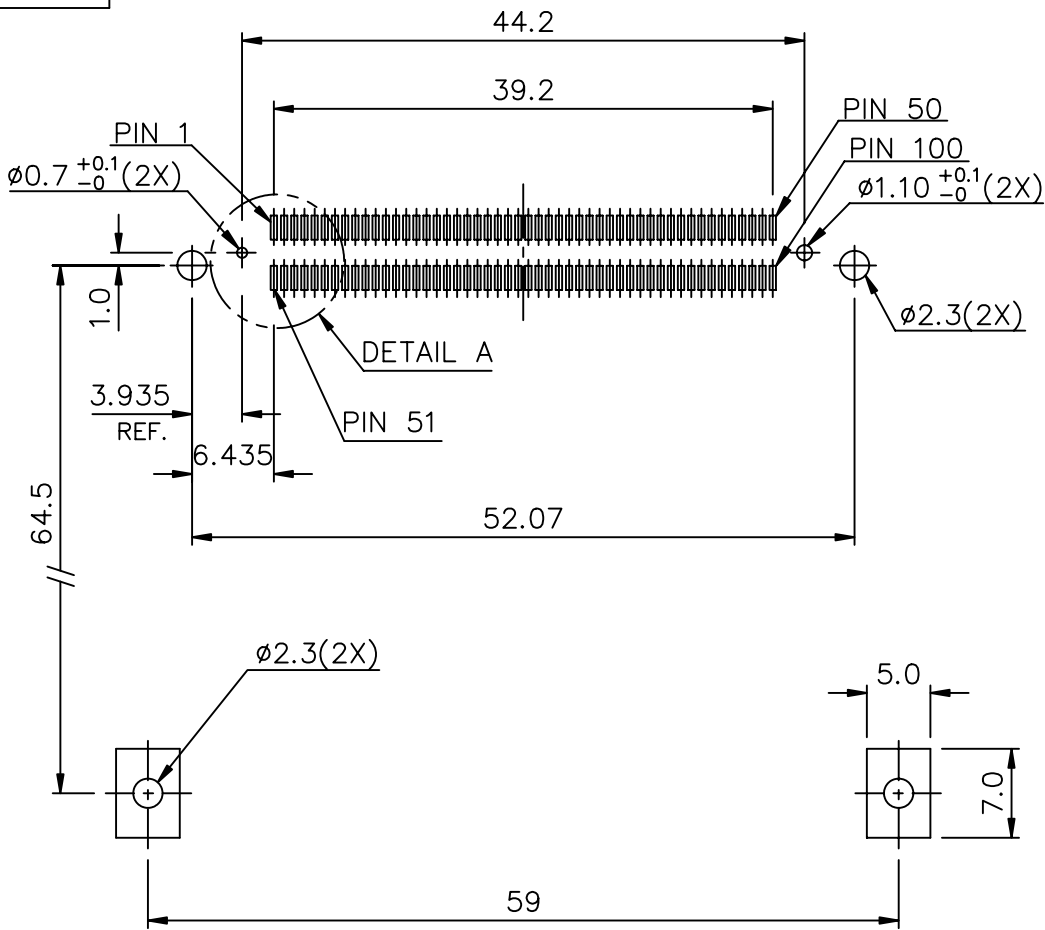
|             |                |    |      |                                       |                  |            |                   |  |              |         |
|-------------|----------------|----|------|---------------------------------------|------------------|------------|-------------------|--|--------------|---------|
| mat'l. code |                |    |      | surface                               | tolerance        | projection | product family    |  |              |         |
|             |                |    |      | ISO 1302                              | ISO 406 ISO 1101 |            | CARDBUS           |  |              |         |
| ltr         | ecm no         | dr | date | tolerances unless otherwise specified |                  |            | title             |  |              |         |
| G           |                |    |      | angles                                | linear           | $\pm 0.10$ | CARDBUS NONE PUSH |  |              |         |
|             |                |    |      | $\pm 2^\circ$                         |                  |            | ROD, TYPE 1/2/3   |  |              |         |
|             |                |    |      | dr                                    | Mike Zhou        | 08/18/06   | dwg no            |  | sheet 3 of 5 | size    |
|             |                |    |      | enr                                   | Mike Zhou        | 08/18/06   | 52599             |  | A4           |         |
|             |                |    |      | chr                                   | Mike Zhou        | 08/18/06   | type              |  | CUSTOMER     | Drawing |
|             |                |    |      | appd                                  | Qin David        | 08/18/06   |                   |  |              |         |
| sheet index | revision sheet |    |      |                                       |                  |            |                   |  |              |         |

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|             |
|-------------|
| PRODUCT NO. |
| 52599-022   |
| 52599-022LF |



DETAIL A

4 CARD INSERTION DIRECTION

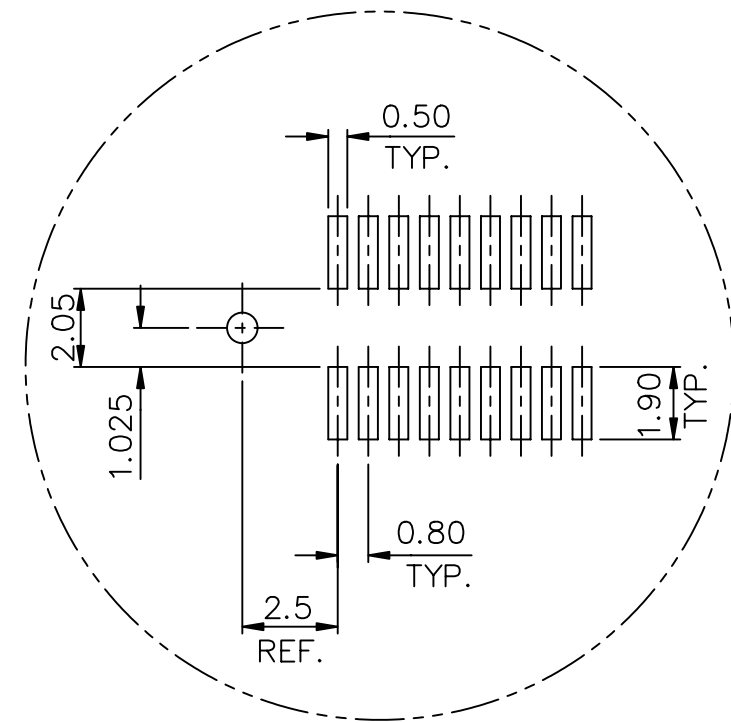
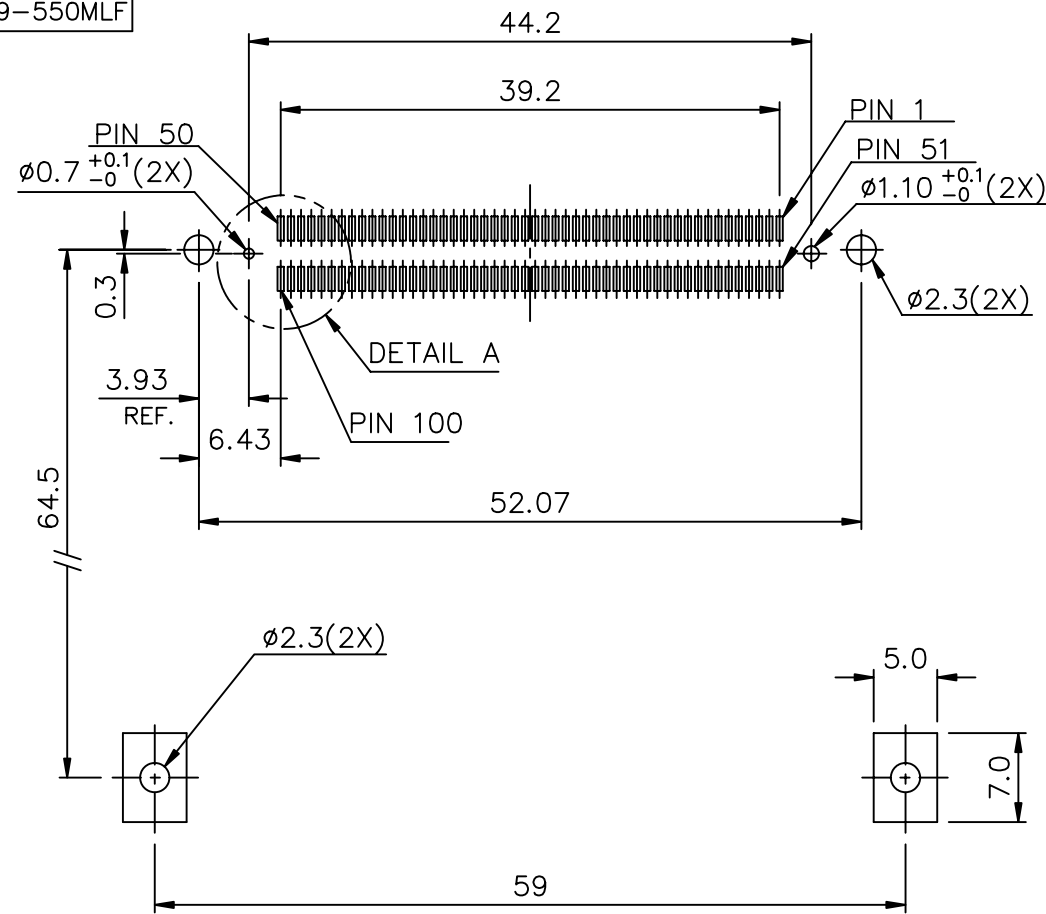
|             |        |                |      |                                       |                               |                |                                               |  |  |  |
|-------------|--------|----------------|------|---------------------------------------|-------------------------------|----------------|-----------------------------------------------|--|--|--|
| mat'l. code |        |                |      | surface<br>ISO 1302                   | tolerance<br>ISO 406 ISO 1101 | projection<br> | product family<br>CARDBUS                     |  |  |  |
| ltr         | ecm no | dr             | date | tolerances unless otherwise specified |                               |                | title<br>CARDBUS NONE PUSH<br>ROD, TYPE 1/2/3 |  |  |  |
| G           |        |                |      | angles                                | linear                        | $\pm 0.10$     | MM                                            |  |  |  |
|             |        |                |      | $\pm 2^\circ$                         |                               |                | scale 1:5:1                                   |  |  |  |
|             |        |                |      | dr                                    | Mike Zhou                     | 08/18/06       | dwg no                                        |  |  |  |
|             |        |                |      | enr                                   | Mike Zhou                     | 08/18/06       | sheet 4 of 5 size                             |  |  |  |
|             |        |                |      | chr                                   | Mike Zhou                     | 08/18/06       | 52599                                         |  |  |  |
|             |        |                |      | appd                                  | Qin David                     | 08/18/06       | A4                                            |  |  |  |
| sheet index |        | revision sheet |      |                                       |                               |                | type CUSTOMER Drawing                         |  |  |  |

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| PRODUCT NO.  |
|--------------|
| 52599-550    |
| 52599-550LF  |
| 52599-550MLF |



DETAIL A

4 CARD INSERTION DIRECTION

|             |                |    |      |                                       |                               |                |                                               |              |         |  |
|-------------|----------------|----|------|---------------------------------------|-------------------------------|----------------|-----------------------------------------------|--------------|---------|--|
| mat'l. code |                |    |      | surface<br>ISO 1302                   | tolerance<br>ISO 406 ISO 1101 | projection<br> | product family<br>CARDBUS                     |              |         |  |
| ltr         | ecm no         | dr | date | tolerances unless otherwise specified |                               |                | title<br>CARDBUS NONE PUSH<br>ROD, TYPE 1/2/3 |              |         |  |
| G           |                |    |      | angles                                | linear                        | $\pm 0.10$     | MM                                            |              |         |  |
|             |                |    |      | $\pm 2^\circ$                         |                               |                | scale 1:5:1                                   |              |         |  |
|             |                |    |      | dr                                    | Mike Zhou                     | 08/18/06       |                                               |              |         |  |
|             |                |    |      | enr                                   | Mike Zhou                     | 08/18/06       |                                               |              |         |  |
|             |                |    |      | chr                                   | Mike Zhou                     | 08/18/06       |                                               |              |         |  |
|             |                |    |      | appd                                  | Qin David                     | 08/18/06       |                                               |              |         |  |
| sheet index | revision sheet |    |      |                                       |                               |                | dwg no                                        | sheet 5 of 5 | size    |  |
|             |                |    |      |                                       |                               |                | 52599                                         |              | A4      |  |
|             |                |    |      |                                       |                               |                | type                                          | CUSTOMER     | Drawing |  |