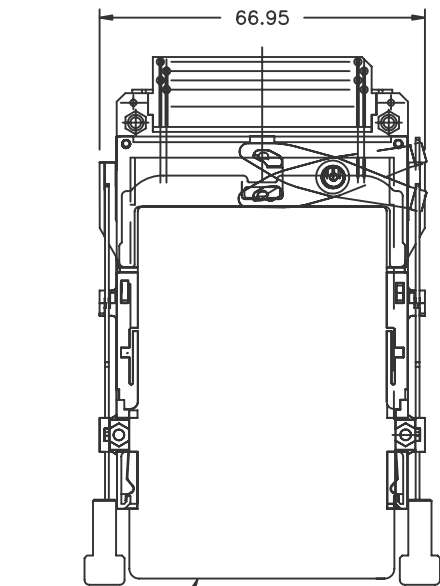


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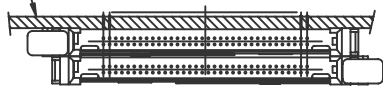
FCI

PCMCIA COMPONENTS  
DOUBLE DECK NARROW BODY -  
FRONT EJECT 3.3V HEADER ASSY.  
65mm WIDE, 8mm CARD TRAVEL

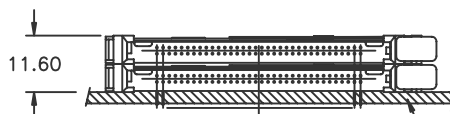
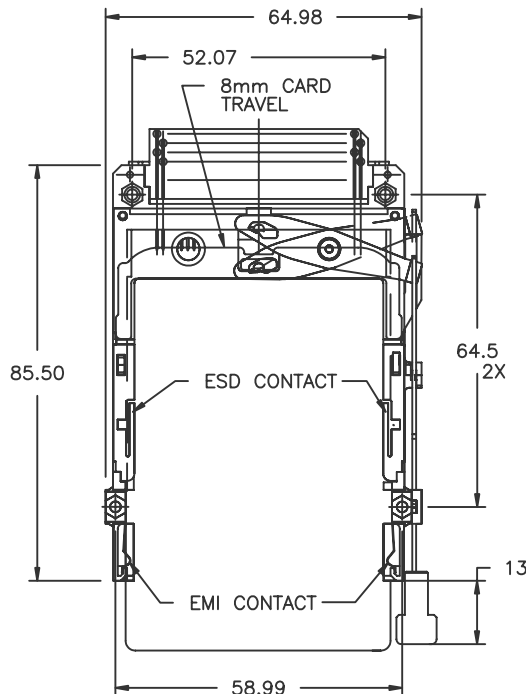


BACK OF  
INSERTED CARD

PCB

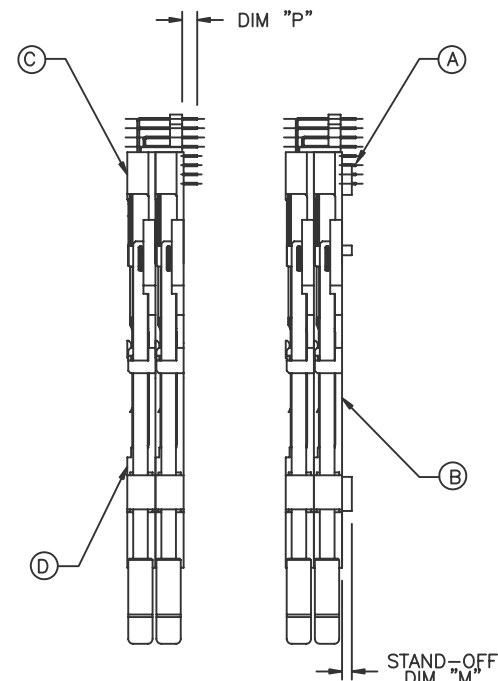


LEFT/RIGHT PUSH ROD  
RT. ANGLE SOLDER TAIL  
BELOW PCB SIDE  
P/N: 84654-600CA  
P/N: 84654-600CALF



RIGHT/RIGHT PUSH ROD  
RT. ANGLE SOLDER TAIL  
ABOVE PCB SIDE  
P/N: 84654-200CA  
P/N: 84654-200CALF

PCB



STAND-OFF  
RT. ANGLE  
SOLDER TAIL

| mat'l. code |          |     |          | tolerances unless otherwise specified |           |          |            | CUSTOMER COPY |                     | FCI            |      | www.fciconnect.com |        |
|-------------|----------|-----|----------|---------------------------------------|-----------|----------|------------|---------------|---------------------|----------------|------|--------------------|--------|
| ltr         | ecn no   | dr  | date     | linear                                | .X ±.3    | .XX ±.10 | .XXX ±.050 | projection    | title               | product family | code | size               | dwg no |
| A           | V82119   | CGC | 12/15/98 | linear                                |           |          |            |               | DBL. DECK 3.3v      | MCS            | 213  |                    |        |
| B           | V11118   | TFC | 03/26/01 |                                       |           |          |            |               | EJECT HDR. ASSEMBLY |                |      |                    |        |
| C           | V21409   | GIP | 09/09/02 | angles                                | 0° ±2'    |          |            |               |                     |                |      |                    |        |
| D           | V03-0518 | WL  | 05/29/03 | dr                                    | G.CLEMENS | 12/15/98 |            |               |                     |                |      |                    |        |
| E           | N05-0091 | WB  | 03/25/05 | enr                                   | D.BRANN   | 12/15/98 |            |               |                     |                |      |                    |        |
|             |          |     |          | chr                                   | D.BRANN   | 12/15/98 |            |               |                     |                |      |                    |        |
|             |          |     |          | appd                                  | D.BRANN   | 12/15/98 |            |               |                     |                |      |                    |        |
| sheet       | revision | E   | E        | E                                     | E         | E        |            |               |                     |                |      |                    |        |
| index       | sheet    | 1   | 2        | 3                                     | 4         |          |            |               |                     |                |      |                    |        |

ACAD

PDM: Rev:E

STATUS: Released 26 Printed: Oct 12, 2010

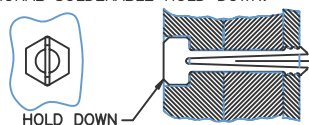
DESCRIPTION: ABOVE AND BELOW P.C.B., DECK AND PUSH-ROD LOCATION ARE AS VIEW BY USER.

| PRODUCT NO.<br>84654-XXXXX | STAND OFF<br>DIM "M"<br>(mm) | UPPER DECK                      |                             | LOWER DECK                      |                             | SOLDERABLE<br>HOLD DOWN<br>(A) | DIM "P"<br>(mm) | HEADER<br>COLOR | MOUNTING STYLE TO PCB<br>&<br>PUSH ROD SIDE |
|----------------------------|------------------------------|---------------------------------|-----------------------------|---------------------------------|-----------------------------|--------------------------------|-----------------|-----------------|---------------------------------------------|
|                            |                              | MECHANISM<br>95079-<br>XXXX (D) | HEADER<br>94898-<br>XXX (C) | MECHANISM<br>95079-<br>XXXX (B) | HEADER<br>94898-<br>XXX (A) |                                |                 |                 |                                             |
| 000CA                      | 0                            | 00CA                            | 005                         | 10CA                            | 000                         |                                | 2.8             | BLACK           |                                             |
| 020CA                      | 2                            | 00CA                            | 045                         | 12CA                            | 040                         |                                | 2.5             | BLACK           |                                             |
| 100CA                      | 0                            | 10CA                            | 005                         | 00CA                            | 000                         |                                | 2.8             | BLACK           |                                             |
| 120CA                      | 2                            | 10CA                            | 045                         | 02CA                            | 040                         |                                | 2.5             | BLACK           |                                             |
| 200CA                      | 0                            | 00CA                            | 005                         | 00CA                            | 000                         |                                | 2.8             | BLACK           |                                             |
| 220CA                      | 2                            | 00CA                            | 045                         | 02CA                            | 040                         |                                | 2.5             | BLACK           |                                             |
| 220CAH                     | 2                            | 00CA                            | 045                         | 02CA                            | 040                         | 93925-006                      | 2.5             | BLACK           |                                             |
| 300CA                      | 0                            | 10CA                            | 005                         | 10CA                            | 000                         |                                | 2.8             | BLACK           |                                             |
| 300CAH                     | 0                            | 10CA                            | 005                         | 10CA                            | 000                         | 93925-005                      | 2.8             | BLACK           |                                             |
| 320CA                      | 2                            | 10CA                            | 045                         | 12CA                            | 040                         |                                | 2.5             | BLACK           |                                             |
| 500CA                      | 0                            | 00CA                            | 505                         | 10CA                            | 500                         |                                | 2.8             | NATURAL         |                                             |
| 520CA                      | 2                            | 00CA                            | 545                         | 12CA                            | 540                         |                                | 2.5             | NATURAL         |                                             |
| 600CA                      | 0                            | 10CA                            | 505                         | 00CA                            | 500                         |                                | 2.8             | NATURAL         |                                             |
| 620CA                      | 2                            | 10CA                            | 545                         | 02CA                            | 540                         |                                | 2.5             | NATURAL         |                                             |
| 700CA                      | 0                            | 10CA                            | 505                         | 10CA                            | 500                         |                                | 2.8             | NATURAL         |                                             |
| 720CA                      | 2                            | 10CA                            | 545                         | 12CA                            | 540                         |                                | 2.5             | NATURAL         |                                             |
| 800CA                      | 0                            | 00CA                            | 505                         | 00CA                            | 500                         |                                | 2.8             | NATURAL         |                                             |
| 820CA                      | 2                            | 00CA                            | 545                         | 02CA                            | 540                         |                                | 2.5             | NATURAL         |                                             |

NOTES:( CONTINUOUS ON SHEET 3)

- REFER TO HEADER DRAWING 94898 AND EJECT MECHANISM 95079 FOR ADDITIONAL DIMENSIONS, MATERIAL, AND PLATING INFORMATION.
- RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs).  
RECOMMENDED HOLD-DOWN: 2mm SCREWS AND NUTS.  
SEE DRAWINGS 95121 AND 92869.
- FOR SINGLE-DECK APPLICATIONS,  
SEE DRAWING 61126.

- ④ ADD "H" TO END OF PRODUCT NO. FOR OPTIONAL SOLDERABLE HOLD DOWN.



|                  |                   |    |      |                                          |                    |                  |  |                                                |  |
|------------------|-------------------|----|------|------------------------------------------|--------------------|------------------|--|------------------------------------------------|--|
| mat'l. code<br>— |                   |    |      | tolerances unless<br>otherwise specified |                    | CUSTOMER<br>COPY |  | <br>www.fciconnect.com                         |  |
| ltr              | ecn no            | dr | date | linear                                   | .X ±.3             | projection       |  |                                                |  |
| D                |                   |    |      |                                          | .XX ±.10           |                  |  | title<br>DBL. DECK 3.3v<br>EJECT HDR. ASSEMBLY |  |
|                  |                   |    |      |                                          | .XXX ±.050         |                  |  |                                                |  |
|                  |                   |    |      | angles                                   | 0° ±2°             |                  |  | product family MCS<br>size dwg no<br>213       |  |
|                  |                   |    |      | dr                                       | G.CLEMENS 12/15/98 |                  |  |                                                |  |
|                  |                   |    |      | engr                                     | D.BRANN 12/15/98   |                  |  | code<br>84654<br>sheet<br>2 of                 |  |
|                  |                   |    |      | chr                                      | D.BRANN 12/15/98   |                  |  |                                                |  |
|                  |                   |    |      | appd                                     | D.BRANN 12/15/98   |                  |  | scale<br>1:1                                   |  |
| sheet<br>index   | revision<br>sheet |    |      |                                          |                    |                  |  |                                                |  |

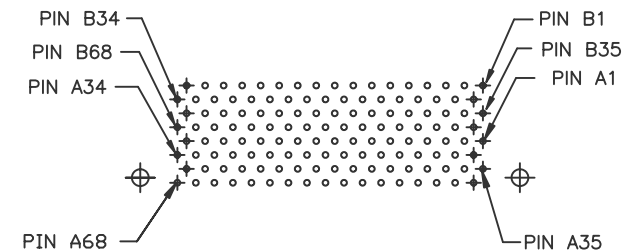
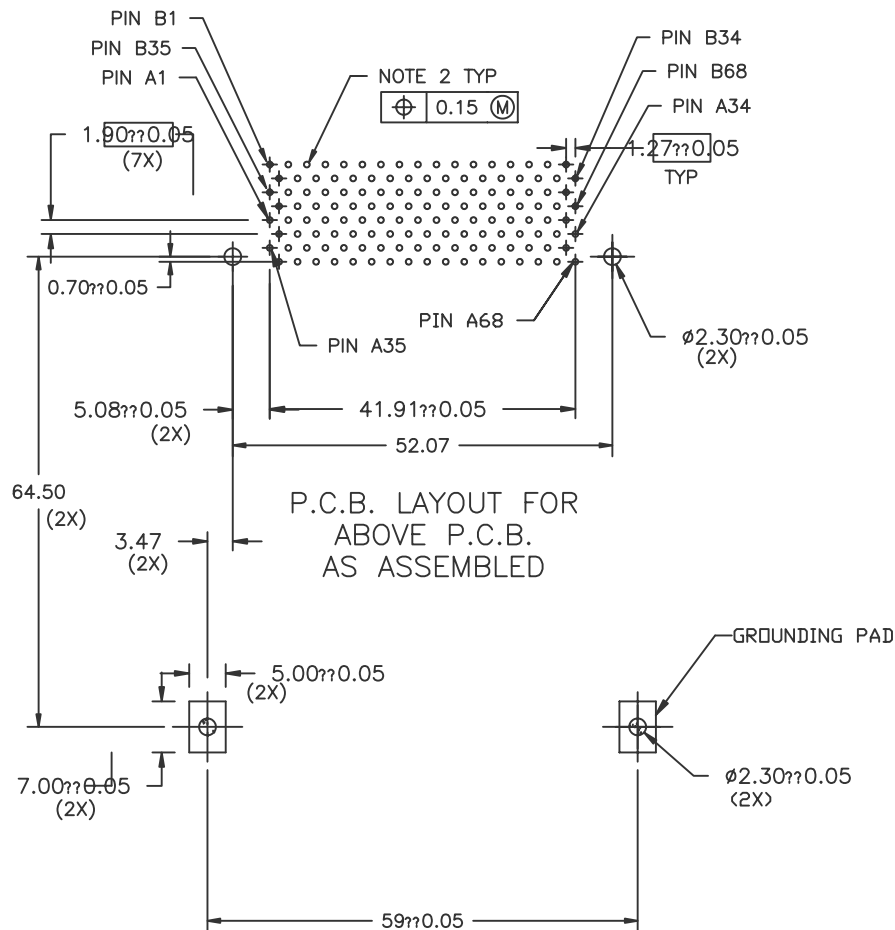
DESCRIPTION: ABOVE AND BELOW P.C.B., DECK AND PUSH-ROD LOCATION ARE AS VIEW BY USER.

| PRODUCT NO.<br>84654-XXXXX | STAND OFF<br>DIM "M"<br>(mm) | UPPER DECK                      |                             | LOWER DECK                      |                             | SOLDERABLE<br>HOLD DOWN<br>(A) | DIM "P"<br>(mm) | HEADER<br>COLOR | MOUNTING STYLE TO PCB<br>&<br>PUSH ROD SIDE |
|----------------------------|------------------------------|---------------------------------|-----------------------------|---------------------------------|-----------------------------|--------------------------------|-----------------|-----------------|---------------------------------------------|
|                            |                              | MECHANISM<br>95079-<br>XXXX (D) | HEADER<br>94898-<br>XXX (C) | MECHANISM<br>95079-<br>XXXX (B) | HEADER<br>94898-<br>XXX (A) |                                |                 |                 |                                             |
| 000CALF                    | 0                            | 00CA                            | 005LF                       | 10CA                            | 000LF                       |                                | 2.8             | BLACK           |                                             |
| 020CALF                    | 2                            | 00CA                            | 045LF                       | 12CA                            | 040LF                       |                                | 2.5             | BLACK           |                                             |
| 100CALF                    | 0                            | 10CA                            | 005LF                       | 00CA                            | 000LF                       |                                | 2.8             | BLACK           |                                             |
| 120CALF                    | 2                            | 10CA                            | 045LF                       | 02CA                            | 040LF                       |                                | 2.5             | BLACK           |                                             |
| 200CALF                    | 0                            | 00CA                            | 005LF                       | 00CA                            | 000LF                       |                                | 2.8             | BLACK           |                                             |
| 220CALF                    | 2                            | 00CA                            | 045LF                       | 02CA                            | 040LF                       |                                | 2.5             | BLACK           |                                             |
| 220CAHLF                   | 2                            | 00CA                            | 045LF                       | 02CA                            | 040LF                       | 93925-006                      | 2.5             | BLACK           |                                             |
| 300CALF                    | 0                            | 10CA                            | 005LF                       | 10CA                            | 000LF                       |                                | 2.8             | BLACK           |                                             |
| 300CAHLF                   | 0                            | 10CA                            | 005LF                       | 10CA                            | 000LF                       | 93925-005                      | 2.8             | BLACK           |                                             |
| 320CALF                    | 2                            | 10CA                            | 045LF                       | 12CA                            | 040LF                       |                                | 2.5             | BLACK           |                                             |
| 500CALF                    | 0                            | 00CA                            | 505LF                       | 10CA                            | 500LF                       |                                | 2.8             | NATURAL         |                                             |
| 520CALF                    | 2                            | 00CA                            | 545LF                       | 12CA                            | 540LF                       |                                | 2.5             | NATURAL         |                                             |
| 600CALF                    | 0                            | 10CA                            | 505LF                       | 00CA                            | 500LF                       |                                | 2.8             | NATURAL         |                                             |
| 620CALF                    | 2                            | 10CA                            | 545LF                       | 02CA                            | 540LF                       |                                | 2.5             | NATURAL         |                                             |
| 700CALF                    | 0                            | 10CA                            | 505LF                       | 10CA                            | 500LF                       |                                | 2.8             | NATURAL         |                                             |
| 720CALF                    | 2                            | 10CA                            | 545LF                       | 12CA                            | 540LF                       |                                | 2.5             | NATURAL         |                                             |
| 800CALF                    | 0                            | 00CA                            | 505LF                       | 00CA                            | 500LF                       |                                | 2.8             | NATURAL         |                                             |
| 820CALF                    | 2                            | 00CA                            | 545LF                       | 02CA                            | 540LF                       |                                | 2.5             | NATURAL         |                                             |

NOTES:( CONTINUOUS FROM SHEET 2)

- 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.
- IF LEAD FREE P/N.THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBLED IN GS-22-008
- LEAD FREE P/N PACKAGING MEETS GS-14-920 SPECIFICATION

|                  |                   |    |      |                                          |                    |                        |                                                |                        |               |
|------------------|-------------------|----|------|------------------------------------------|--------------------|------------------------|------------------------------------------------|------------------------|---------------|
| mat'l. code<br>— |                   |    |      | tolerances unless<br>otherwise specified |                    | CUSTOMER<br>COPY       |                                                | <br>www.fciconnect.com |               |
| ltr              | ecn no            | dr | date | linear                                   | .X ±.3             | projection<br>         | title<br>DBL. DECK 3.3v<br>EJECT HDR. ASSEMBLY | product family<br>MCS  | code<br>213   |
| E                |                   |    |      |                                          | .XX ±.10           |                        |                                                |                        |               |
|                  |                   |    |      |                                          | .XXX ±.050         |                        |                                                |                        |               |
|                  |                   |    |      | angles                                   | 0° ±2'             | <br>MM<br>scale<br>1:1 | size<br>A                                      | dwg no<br>84654        | sheet<br>3 of |
|                  |                   |    |      | dr                                       | G.CLEMENS 12/15/98 |                        |                                                |                        |               |
|                  |                   |    |      | enr                                      | D.BRANN 12/15/98   |                        |                                                |                        |               |
|                  |                   |    |      | chr                                      | D.BRANN 12/15/98   |                        |                                                |                        |               |
|                  |                   |    |      | appd                                     | D.BRANN 12/15/98   |                        |                                                |                        |               |
| sheet<br>index   | revision<br>sheet |    |      |                                          |                    |                        |                                                |                        |               |



# NOTES:

- ALL TOLERANCES  $\pm 0.15$  UNLESS NOTED.
- RECOMMENDED DIAMETER IS  $\phi 1.0$  FOR PROCESSES USING PASTE REFLOW, HOLE MAY BE AS SMALL AS  $\phi 0.79$

| mat'l. code |                |    |      | tolerances unless otherwise specified |                    | CUSTOMER COPY |                     | FCI            |        | www.fciconnect.com |      |
|-------------|----------------|----|------|---------------------------------------|--------------------|---------------|---------------------|----------------|--------|--------------------|------|
| ltr         | ecr no         | dr | date | linear                                | .X $\pm .3$        | projection    | title               | product family | MCS    | code               | 213  |
| E           |                |    |      | linear                                | .XX $\pm .10$      |               | DBL. DECK 3.3v      | size           | dwg no | sheet              | 4 of |
|             |                |    |      | angles                                | .XXX $\pm .050$    |               | EJECT HDR. ASSEMBLY | scale          | A      | 84654              |      |
|             |                |    |      | dr                                    | G.CLEMENS 12/15/98 | MM            |                     |                |        |                    |      |
|             |                |    |      | enr                                   | D.BRANN 12/15/98   | 1:1           |                     |                |        |                    |      |
|             |                |    |      | chr                                   | D.BRANN 12/15/98   |               |                     |                |        |                    |      |
|             |                |    |      | appd                                  | D.BRANN 12/15/98   |               |                     |                |        |                    |      |
| sheet index | revision sheet |    |      |                                       |                    |               |                     |                |        |                    |      |