

sheet

index

revision

sheet

■ACAD

All rights strictly riform whatever is no Property of FCI.

2 1

1. REFER TO HEADER DRAWING 92140 AND EJECT

MECHANISM 95079 FOR ADDITIONAL DIMENSIONS, MATERIAL, AND PLATING INFORMATION.

1

D.BRANN

D.BRANN

D.BRANN

М М

5 6

engr

chr

appd

М

2 3 12/7/94

12/7/94

м м

7 8 9

12/7/94 scale

1:1

cage code PDM: Rev:M STATUS: Released 26 Printed: Feb 06, 2008

size dwg no

THRU-HOLE RIGHT-ANGLE

SURFACE MOUNT STAGGERED

SEE SHEET 5

SURFACE MOUNT

IN-LINE

MCS

95620

www.fclconnect.com

code

sheet

1 of 9

| JESCINIF HOIN. AL | JUVL 1.C.D., | DECK AND | 1 0311 ROD E | JOMINOIN MILL / | 13 VILVILD DI OSL | .1 \. | | |
|----------------------------|----------------------|---------------------|--------------------------------|--|--|-----------------------------|---|----------------------|
| PRODUCT NO. 95620—XXXXX | PUSH ROD LOCATION | SOLDER TAIL ⑤ | STAND-OFF HEIGHT DIM "L" | EJ. HEADER ASSY 92140-XXX (A) | EJ. MECHANISM ASSY 95079-XXXX B | SOLDERABLE HOLD DOWN (4) | MOUNTING STYLE TO PCB AND PUSH-ROD LOCATION | USED WITH/COMMENTS |
| 000CA | RIGHT | R/A | 0.0 | 000 | 00CA | | | |
| 000CAH ⑦ | RIGHT | R/A | 0.0 | 000 | 00CA | 93925-001 | | |
| 001CA | RIGHT | SMT-STG | 0.0 | 001 | 00CA | | | |
| 002CA | RIGHT | SMT-IL | 0.0 | 002 | 00CA | | | |
| 020CA | RIGHT | R/A | 2.0 | 040 | 02CA | | | |
| 040CA | RIGHT | R/A | 4.0 | 010 | 04CA | | | |
| 050CA | RIGHT | R/A | 5.0 | 020 | 05CA | | | |
| 050CAH ⑦ | RIGHT | R/A | 5.0 | 020 | 05CA | 93925-004 | | |
| 100CA | LEFT | R/A | 0.0 | 000 | 10CA | | | |
| 100CAH ⑦ | LEFT | R/A | 0.0 | 000 | 10CA | 93925-001 | | |
| 101CA | LEFT | SMT-STG | 0.0 | 001 | 10CA | | | |
| 102CA | LEFT | SMT-IL | 0.0 | 002 | 10CA | | | |
| 120CA | LEFT | R/A | 2.0 | 040 | 12CA | | | |
| 140CA | LEFT | R/A | 4.0 | 010 | 14CA | | | |
| 150CA | LEFT | R/A | 5.0 | 020 | 15CA | | | |
| 005CA | RIGHT | R/A | 0.0 | 005 | 00CA | | | 95620-000CA or -100C |
| 025CA | RIGHT | R/A | 0.0 | 045 | 00CA | | | 95620-020CA or -120C |
| 105CA | LEFT | R/A | 0.0 | 005 | 10CA | | | 95620-000CA or -100C |
| 125CA | LEFT | R/A | 0.0 | 045 | 10CA | | | 95620-020CA or -120C |

NOTES:

- 1. MATERIAL:
 - 1.1 HEADER ASSY: PLASTIC HOUSING: LCP UL94V-O BLACK - ABOVE PCB LCP UL94V-O NATURAL (WHITE) - BELOW PCB PIN: PHOSPHOR BRONZE
 - 1.2 EJECT MECHANISM ASSY: PLASTIC GUIDE: POLYPHTHARAMID UL94V-0 BLACK PLASTIC PUSH-ROD BUTTON: POLYPHTHARAMID UL94V-0 BLACK COVER PLATE, EJECT PLATE, LINK ARM, PUSH ROD: STAINLESS STEEL EMI CONTACT: PHOSPHOR BRONZE
- 2. FINISH (PIN) UNDER PLATING: 0.5um Ni CONTACT AREA: 0.1um GOLD OVER 0.5um Pd-Ni SOLDER TAIL: 2.5um Sn-Pb

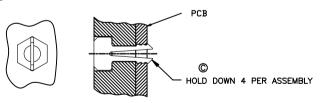
(3) DIM "X"

| 4.25±.1 | 3.5±.1 | 5.0±.1 |
|---------|--------|------------------|
| OTHERS | 36,67 | 1,17,34,35,51,68 |

- 4. RECOMMENDED HOLD DOWN 2mm SCREWS (95121-XXX)AND HEXNUTS (92869-001). RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs).
- (5) SOLDER TAIL KEY/PCB LAYOUT: SOLDER TAIL RETYFED ENTOUR
 R/A = RIGHT ANGLE PIN-THROUGH-HOLE-PAGE 6
 SMT-STG = STAGGERED SURFACE MOUNT-PAGE 7
 SMT-IL = SURFACE MOUNT IN-LINE (SINGLE ROW)-PAGE 8

6. BOARD KEEP OUT ZONE- PAGE 9

(7) SOLDERABLE HOLD DOWN



| mat | 'l. cod | le — | | | tolerance otherwise | | | | l | STON | /ER | | _ | | ec. | tro | phic | S | | |
|------|---------|----------|------|-------|------------------------|--|-------|-----|--------|----------------|------|-------|-----|------------|----------------|------------|--------|-------|--------|------|
| ltr | ecn r | no dr | date | | | .X± | .3 | | ` | JUP | | 4 | FC | ΣI | | | www.f | clcon | nect.c | :om |
| М | | | | linea | - | .XX± | .13 | | proje | ection |) | title | | | | | | | | |
| | | | | | | .XXX±.051 0° ±2° | | | |) + | 4 | 5\ | / [| IEC | >Т | | ۸٦٥ | D | ASS | .~ |
| | | | | angle | s | 0° ±2° | | | | ァマ | V | ١٠) | / L | ULC | ノ l | L <i>F</i> | 4DL | .1\ | ASS | , |
| | | | | dr | G.CLEM | C.CLEMENS 12/20/99 | | | | ММ | | produ | | | | MCS | 3 | | code | • |
| | | | | engr | D.BRAI | G.CLEMENS 12/20/99 D.BRANN 12/20/99 | | - | 141141 | - | size | dwg | no | | | | |] - | - | |
| | | | | chr | D.BRAI | NN | 12/20 | /99 | scale | • | | ا ہ | | \bigcirc | 56 | 32(| \cap | | shee | et . |
| | | | | appd | D.BRAI | ١N | 12/20 | /99 | | 1:1 | | Α4 | | I | $\mathcal{O}($ |) _ (| J | | 2 0 | f |
| shee | et r | revision | | | | D.BRANN 12/20/99 | | | | | | | | | | | | | | |
| inde | x s | sheet | | | | | | | | | | | | | | | | | | |

PDM: Rev:M

cage code STATUS: Released 26 Printed: Feb 06, 2008

1 | 2

DEGLY AND DUGIL DOD LOCATION ADE AS MEMER DV HOES

1

s in any propriet

reserved. Reproduction or is not permitted without written . Copyright FCI. All rights st form whatev Property o

| ALJONII HON. AL | JUVL F.C.D., | DECK AND | FUSIT-ROD L | JUATION AND A | S VIEWED BY USE | IX. | | |
|----------------------------|----------------------|---------------------|--------------------------------|--|--|-----------------------------|---|--------------------------|
| PRODUCT NO. 95620-XXXXX | PUSH ROD LOCATION | SOLDER TAIL ⑤ | STAND-OFF HEIGHT DIM "L" | EJ. HEADER ASSY 92140-XXX (A) | EJ. MECHANISM ASSY 95079-XXXX B | SOLDERABLE HOLD DOWN (4) | MOUNTING STYLE TO PCB AND PUSH-ROD LOCATION | USED WITH/COMMENTS |
| 000CALF | RIGHT | R/A | 0.0 | 000LF | 00CA | | | |
| 000CAHLF 🛈 | RIGHT | R/A | 0.0 | 000LF | 00CA | 93925-001 | | |
| 001CALF | RIGHT | SMT-STG | 0.0 | 001LF | 00CA | | | |
| 002CALF | RIGHT | SMT-IL | 0.0 | 002LF | 00CA | | | |
| 020CALF | RIGHT | R/A | 2.0 | 040LF | 02CA | | | |
| 040CALF | RIGHT | R/A | 4.0 | 010LF | 04CA | | | |
| 050CALF | RIGHT | R/A | 5.0 | 020LF | 05CA | | | |
| 050CAHLF 🛈 | RIGHT | R/A | 5.0 | 020LF | 05CA | 93925-004 | | |
| 100CALF | LEFT | R/A | 0.0 | 000LF | 10CA | | | |
| 100CAHLF 🛈 | LEFT | R/A | 0.0 | 000LF | 10CA | 93925-001 | | |
| 101CALF | LEFT | SMT-STG | 0.0 | 001LF | 10CA | | | |
| 102CALF | LEFT | SMT-IL | 0.0 | 002LF | 10CA | | | |
| 120CALF | LEFT | R/A | 2.0 | 040LF | 12CA | | | |
| 140CALF | LEFT | R/A | 4.0 | 010LF | 14CA | | | |
| 150CALF | LEFT | R/A | 5.0 | 020LF | 15CA | | | |
| 005CALF | RIGHT | R/A | 0.0 | 005LF | 00CA | | | 95620-000CALF or -100CAL |
| 025CALF | RIGHT | R/A | 0.0 | 045LF | 00CA | | | 95620-020CALF or -120CAL |
| 105CALF | LEFT | R/A | 0.0 | 005LF | 10CA | | | 95620-000CALF or -100CA |
| 125CALF | LEFT | R/A | 0.0 | 045LF | 10CA | | | 95620-020CALF or -120CAL |

NOTES:

1. MATERIAL: 1.1 HEADER ASSY:

PLASTIC HOUSING: LCP UL94V-0 BLACK - ABOVE PCB LCP UL94V-0 NATURAL (WHITE) - BELOW PCB

1.7. HEADLER COUSING: LUF LCP UL94V-U NATULE
PLASTIC HOUSING: LUF LCP UL94V-U NATULE
PIN: PHOSPHOR BRONZE

1.2 EJECT MECHANISM ASSY:
PLASTIC GUIDE: POLYPHTHARAMID UL94V-0 BLACK
PLASTIC PUSH-ROD BUTTON: POLYPHTHARAMID UL94V-0 BLACK
COVER PLATE, EJECT PLATE, LINK ARM,
PUSH ROD: STAINLESS STEEL
EM CONTACT: PHOSPHOR BRONZE

2. FINISH (PIN)
UNDER PLATING: 0.5um Ni
CONTACT AREA: 0.1um GOLD OVER
0.5um Pd-Ni
SOLDER TAIL: 2.5um Sn-Pb

1. 25±.1 3.5±.1 5.0±.1

4. RECOMMENDED HOLD DOWN – 2mm SCREWS (95121-XXX)AND HEXNUTS (92869-001), RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs).

(5) SOLDER TAIL KEY/PCB LAYOUT: R/A = RIGHT ANGLE PIN-THROUGH-HOLE-PAGE 6 SMT-STG = STAGGERED SURFACE MOUNT-PAGE 7 SMT-IL = SURFACE MOUNT IN-LINE (SINGLE ROW)-PAGE 8

6 IF LEAD FREE P/N. THE HOUSING WILL WITHSTAND EXPÓSURE TO 260°C PEAK TEMPERATURE SOLDER TAIL : SMT-IL, SMT-STG CAN RESIST 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

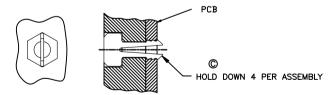
SOLDER TAIL: R/A CAN RESIST 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.

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

8 LEAD FREE P/N PACKAGING MEETS GS-14-920 SPECIFICATION

9. BOARD KEEP OUT ZONE- PAGE 9

SOLDERABLE HOLD DOWN



| mat | i'l. co | ode – | - | | | | ance wise | | less cified | | | STON | | 4 | / _ | | ec. | tro | phic | S | | |
|------|---------|----------|-----------|------|---|------------------|--|------|----------------|------|-------|--------|------|--------|----------------|---------|------------|----------|--------|-------|--------|-----|
| ltr | ecn | no | dr | date | | | | .X± | .3 | | | | • | 4 | FC | CI | | | www.f | clcon | nect.c | :om |
| М | | | | | linea | · | | XX±. | .13 | | proje | ection | 1 | title | | | | | | | | |
| | | | .XXX±.051 | | | | | | | | 4 | 7 7 | 1 | 51 | / [| . IEC | ٦Τ | ЦΕ | ۸٦٤ | D | ASS | `\ |
| | | | | | angle | s | | 0, Ŧ | :2° | | 7 | ケュ | 7 |) | v L | .0 L (| <u>ا</u> ر | 1111/ | 7DL | .1 \ | A33 |) |
| | | | | | dr G.CLEMENS 12/20/99 | | | | |) | ММ | | | ıct fa | | | MCS | 3 | | code | Э | |
| | | | | | engr | D. | G.CLEMENS 12/20/99 D.BRANN 12/20/99 | | | - | | - | size | dwg | no | | | | | _ | - | |
| | | | | | chr | D. | .BRAN | N | 12/2 | 0/99 | scale | е | | ا ۸ ۸ | | \circ | 56 | Ω | \cap | | shee | et |
| | | | | | chr D.BRANN 12/20/99 SCO appd D.BRANN 12/20/99 | | | | | 1:1 | | M4 | | I | $\mathcal{O}($ |) _ (| J | | 3 0 | of | | |
| she | et | revis | ion | | | D.BRANN 12/20/99 | | | | | | | | | | | | | | | | |
| inde | ex | sheet | | | | | | | | | | | | | | | | | | | | |
| | | • | | | | | | | | | ٠, ١ | | • | | - | caae | code | | • | | | |

1

Α

reserved. Reproduction or is not permitted without written . Copyright FCI. All rights st form whatev Property o DESCRIPTION: BELOW P.C.B., DECK AND PUSH-ROD LOCATION ARE AS VIEWED BY USER. STAND-OFF EJ. HEADER EJ. MECHANISM PRODUCT NO. **SOLDER** SOLDERABLE MOUNTING STYLE TO PUSH ROD **ASSY ASSY** HEIGHT 95620-XXXXX TAIL PCB AND PUSH-ROD USED WITH/COMMENTS HOLD DOWN (4) 92140-XXX 95079-XXXX LOCATION DIM "L' LOCATION (5) (C) (A) (B) R/A 500 10CA 500CA RIGHT 0.0 500CAH **RIGHT** R/A 0.0 500 10CA 93925-001 501CA **RIGHT** SMT-STG 0.0 501 10CA 502CA **RIGHT** SMT-IL 0.0 502 10CA 503CA **RIGHT** SMT-IL 503 10CA NO BOARD LOCATORS 0.0 520CA **RIGHT** 12CA R/A 2.0 540 540CA **RIGHT** R/A 4.0 510 14CA 550CA **RIGHT** R/A 520 15CA 5.0 600CA LEFT R/A 0.0 500 00CA 601CA LEFT SMT-STG 0.0 501 00CA 602CA LEFT SMT-IL 502 0.0 00CA 620CA LEFT R/A 2.0 540 02CA 640CA LEFT R/A 4.0 510 04CA 650CA LEFT R/A 5.0 520 05CA 505CA RIGHT R/A 0.0 505 10CA 95620-500CA or -600CA 525CA RIGHT R/A 545 10CA 95620-520CA or -620CA 0.0 605CA R/A 505 00CA 95620-500CA or -600CA LEFT 0.0 625CA R/A 95620-520CA or -620CA LEFT 0.0 545 00CA

NOTES:

- MATERIAL:
 - PLASTIC HOUSING: LCP UL94V-O BLACK ABOVE PCB LCP UL94V-O NATURAL (WHITE) BELOW PCB PIN: PHOSPHOR BRONZE
 - 1.2 EJECT MECHANISM ASSY: PLASTIC GUIDE: POLYPHTHARAMID UL94V-0 BLACK PLASTIC PUSH-ROD BUTTON: POLYPHTHARAMID UL94V-0 BLACK COVER PLATE, EJECT PLATE, LINK ARM, PUSH ROD: STAINLESS STEEL EMI CONTACT: PHOSPHOR BRONZE
- 2. FINISH (PIN) UNDER PLATING: 0.5um Ni CONTACT AREA: 0.1um GOLD OVER 0.5um Pd-Ni SOLDER TAIL: 2.5um Sn-Pb
- ③ DIM "X" 4.25±.1 3.5±.1 5.0±.1 OTHERS 36,67 1,17,34,35,51,68
- RECOMMENDED HOLD DOWN 2mm SCREWS (95121-XXX) AND HEXNUTS (92869-001). RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs).
- (5) SOLDER TAIL KEY/PCB LAYOUT: R/A = RIGHT ANGLE PIN-THROUGH-HOLE-PAGE 6 SMT-STG = STAGGERED SURFACE MOUNT-PAGE 7 SMT-IL = SURFACE MOUNT IN-LINE (SINGLE ROW)-PAGE 8
- 6. BOARD KEEP OUT ZONE-PAGE 9

| mat | 'l. cod | e _ | | | | tolera otherw | | | | | l | STON | | | _ | | ec. | tro | phic | S | | |
|------|---------|---------|----|------|--------|------------------|---------------------|------|-----|------------|-------|--------|-------|----------|--------|------------|-------------------|-----|--------|-------|--------|-----|
| ltr | ecn r | 10 0 | ir | date | | | .) | X±.3 | 3 | | | COPY | | | FC | CI | | | www.f | clcon | nect.c | :om |
| М | | | | | linear | | .XX | X±.1 | 3 | | proje | ection | | title | | | | | | | | |
| | | | | | | | .XXX±.051 0° ±2° | | | | 4 | 7 4 | 1 | 5\ | / F | . IEC | ٦Τ | НΕ | ۸DE | R | ASS | · |
| | | | | | angle | s | | | | 7 | 7 | 7 | 5 | ′ | .0 _ (| ı ر | 1111 | | .1 \ | | 1 | |
| | | | | | dr | G.CL | G.CLEMENS 12/20/99 | | | | ММ | | produ | | | | MCS | 3 | | code | ; | |
| | | | | | engr | D.B | D.BRANN 12/20/99 | | | - | | - | size | dwg | no | | | | | | - | |
| | | | | | chr | D.B | RANN | 1 | 2/2 | 0/99 | scale | | | Δ4 | | a | 56 | 301 | \cap | | shee | t |
| | | | | | appd | | | | | <u>1:1</u> | | A4 | | | |) <u> </u> | \mathcal{I}_{-} | | 4 0 | f | | |
| shee | et Li | revisio | n | | | | 12,20,33 | | | | | | | | | | | | | | | |
| inde | x _ : | sheet | | | | | | | | | | | | | | | | | | | | |

PDM: Rev:M

cage code STATUS: Released 26 Printed: Feb 06, 2008

1

Α

DIM "X" 4.25±.1 3.5±.1 5.0±.1

RECOMMENDED HOLD DOWN - 2mm SCREWS (95121-XXX) AND HEXNUTS (92869-001). RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs).

R/A = RIGHT ANGLE PIN-THROUGH-HOLE-PAGE 6 SMT-STG = STAGGERED SURFACE MOUNT-PAGE 7 SMT-IL = SURFACE MOUNT IN-LINE (SINGLE ROW)-PAGE 8

6. BOARD KEEP OUT ZONE-PAGE 9

STAND-OFF EJ. HEADER EJ. MECHANISM PRODUCT NO. **SOLDER** MOUNTING STYLE TO SOLDERABLE PUSH ROD ASSY ASSY 95620-XXXXX **HEIGHT** PCB AND PUSH-ROD USED WITH/COMMENTS TAIL HOLD DOWN (4) 92140-XXX 95079-XXXX LOCATION DIM "L' LOCATION (5) (C)(B) (A) R/A 500CALF RIGHT 0.0 500LF 10CA 500CAHLF **RIGHT** R/A 500LF 10CA 93925-001 0.0 501CALE **RIGHT** SMT-STG 0.0 501LF 10CA 502CALF **RIGHT** SMT-IL 0.0 502LF 10CA 503CALF **RIGHT** SMT-IL 503LF 10CA NO BOARD LOCATORS 0.0 520CALF **RIGHT** 540LF 12CA R/A 2.0 540CALE **RIGHT** R/A 4.0 510LF 14CA 550CALF R/A 520LF 15CA RIGHT 5.0 600CALF LEFT R/A 0.0 500LF 00CA 601CALF LEFT SMT-STG 0.0 501LF 00CA 602CALF LEFT SMT-IL 502LF 0.0 00CA 620CALF LEFT R/A 2.0 540LF 02CA 640CALE LEFT R/A 510LF 04CA 4.0 650CALF LEFT R/A 5.0 520LF 05CA 505CALF RIGHT R/A 505LF 10CA 95620-500CA or -600CA 0.0 525CALF RIGHT R/A 545LF 10CA 95620-520CA or -620CA 0.0 605CALF R/A 95620-500CA or -600CA LEFT 0.0 505LF 00CA 625CALF 545LF LEFT R/A 0.0 00CA 95620-520CA or -620CA

NOTES:

- 1. MATERIAL:
 - PLASTIC HOUSING: LCP UL94V-O BLACK ABOVE PCB LCP UL94V-O NATURAL (WHITE) BELOW PCB PIN: PHOSPHOR BRONZE
 - 1.2 EJECT MECHANISM ASSY: PLASTIC GUIDE: POLYPHTHARAMID UL94V-0 BLACK PLASTIC PUSH-ROD BUTTON: POLYPHTHARAMID UL94V-0 BLACK COVER PLATE, EJECT PLATE, LINK ARM, PUSH ROD: STAINLESS STEEL EMI CONTACT: PHOSPHOR BRONZE
- 2. FINISH (PIN) UNDER PLATING: 0.5um Ni CONTACT AREA: 0.1um GOLD OVER 0.5um Pd-Ni SOLDER TAIL: 2.5um Sn-Pb
 - OTHERS 36,67 1,17,34,35,51,68
- (5) SOLDER TAIL KEY/PCB LAYOUT:

.x±.3 ecn no dr date www.fclconnect.com projection title М linear .XX±.13 .XXX±.051 \bigoplus 5V EJECT HEADER ASSY 0° ±2° angles MCS dr G.CLEMENS 12/20/99 product family code MM size dwg no engr D.BRANN 12/20/99 chr 12/20/99 scale D.BRANN 95620 sheet appd D.BRANN 12/20/99 1:1 5 of

CUSTOMER

COPY

- 7 IF LEAD FREE P/N. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE SOLDER TAIL: SMT-IL, SMT-STG CAN RESIST 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. SOLDER TAIL: R/A CAN RESIST 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

tolerances unless

otherwise specified

9 LEAD FREE P/N PACKAGING MEETS GS-14-920 SPECIFICATION

PDM: Rev:M

cage code STATUS: Released 26 Printed: Feb 06, 2008

В

Electronics

1 2 sheet

mat'l. code

index

ACAD

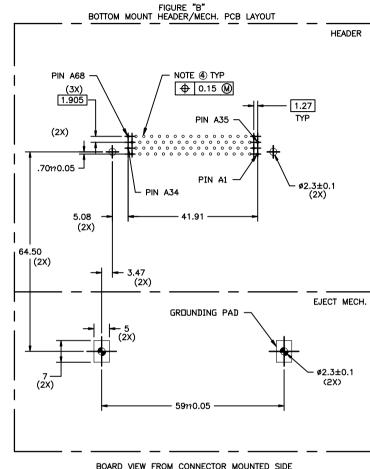
revision

Single Mount Right Angle

ACAD

FIGURE "A"
TOP MOUNT HEADER/MECH. PCB LAYOUT **HEADER** PIN A34 NOTE (4) TYP ⊕ 0.15 M 1.905 1.27 0.70110.05 PIN A68 ø2.3±0.1 (2X) 5.08 41.91 (2X) 64.50 (2X) (2X) EJECT MECH. GROUNDING PAD ø2.3±0.1 7 – (2X) (2X) 59110.05

BOARD VIEW FROM CONNECTOR MOUNTED SIDE TOP OF BOARD IN APPLICATION



BOARD VIEW FROM CONNECTOR MOUNTED SIDE BOTTOM OF BOARD IN APPLICATION

NOTES:

- 1 ALL TOLERANCES ±0.15 UNLESS NOTED.
- 2 KEEP-OUT ZONE FOR HEADERS W\STAND-OFF OPTIONS SEE SHEET 9 FIGURE A.
- 3 KEEP-OUT ZONE FOR HEADERS W\O STAND-OFF OPTIONS SEE SHEET 9 FIGURE B.
- RECOMMENDED DIAMETER IS \$1.0. FOR PROCESSES USING PASTE REFLOW, HOLE MAY BE AS SMALL AS \$0.79

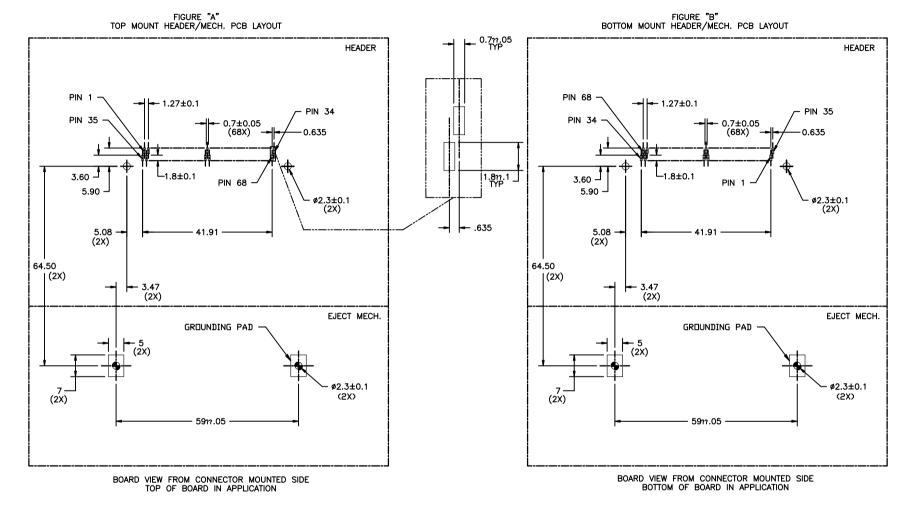
| mat | 'l. co | ode _ | | | | | tolero | | | | | | | /ER | 4 | <u>//</u> | Εl | ec. | tro | nic | 5 | | |
|------|--------|----------|-----|------|---|---------------------------|-------------------------|------|------|------|------|-------|----------------|---------------|------------|-----------|-----|----------|------|----------|--------|--------|-----|
| ltr | ecn | no | dr | date | • | | | | .X±. | .3 | | | COP | <u> </u> | 4 | FC | CI | | | www.f | clconi | nect.c | :om |
| М | | | | | | linear | | .) | XX±. | .13 | | proje | ection | 1 | title | | | | | | | | |
| | | | | | | | .XXX±.051 angles 0° ±2° | | | | | |) ← | 1 | 51 | √ E | IEC | rΤ | ЦΕ | ۱٦٤ | D. | ۸ C C | `\ |
| | | | | | | angle | s | (| 0. Ŧ | 2* | | 7 | アユ | 7 |) | v L | | <i>-</i> | 111/ | 10L | .1\ / | 450 |) |
| | | | | | | dr | G.C | LEME | NS | 12/2 | 0/99 | | ММ | | | ıct fa | | | MCS | 5 | | code | • |
| | | | | | | engr | D.I | BRAN | N | 12/2 | 0/99 | | | - | size | dwg | no | | | | | - | - |
| | | | | | | chr | D.I | BRAN | N | 12/2 | 0/99 | scale | ; | | ا ۸ ۸ | | Ω | 56 | 520 | γ | | shee | et |
| | | | | | | chr D.BRANN 12/20/99 scal | | | 1:1 | | A4 | | IJ | \cup \cup |) <u> </u> | J | | 6 0 | of | | | | |
| shee | et | revis | ion | | | D.BIONIN 12/20/99 | | | | | | | | | | | | | | | | | |
| inde | X | shee | t | | | | | | | | | | | | | | | | | | | | |

PDM: Rev:M

cage code STATUS: Released 26 Printed: Feb 06, 2008

y reserved. Reproductic ; not permitted without v :I. Copyright FCI.

2 KEEP-OUT ZONE FOR ASSEMBLIES SHOWN ON SHEET 9 FIGURE B.



NOTES:

| 4 | ALI | TOLEDANICES | 40 15 | LIMITECC | NOTED | |
|---|-----|-------------|--------------|----------|-------|--|

| mat | il. co | de — | | | | tolera: otherw | nces u ise sp | | | | STON | | 4 | // _ | Εl | ec. | tro | phic | S | | |
|------|--------|----------|----|------|---|-------------------|--|-------|------|-------|------------|--------|-------|-------------|---------|----------------|----------|----------|-------|--------|-----|
| ltr | ecn | no | dr | date | | | .X: | Ł.3 | | | COP | | 4 | FC | CI | | | www.f | clcon | nect.c | :OM |
| М | | | | | linea | r | .XX | Ł.13 | | proje | ection | 1 | title | | | | | | | | |
| | | | | | | | .XXX: | ±.051 | | 4 | 7 - | 1 | 51 | / [| IF(| ¬Τ | HE | ۱DE | · R | ASS | Y |
| | | | | | angle | s | 7 | 7 | 7 |) | v L | .0 _ (| ١ر | 11 _ | | .1\ | | ı | | | |
| | | | | | dr | G.CLI | 0° ±2° G.CLEMENS 12/20/99 D.BRANN 12/20/99 | | | | ММ | | | uct fa | | | MCS | 5 | | code | : |
| | | | | | engr | D.BI | RANN | 12/2 | 0/99 | - | | - | size | dwg | no | | | | | _ | - |
| | | | | | chr | D.BI | RANN | 12/2 | 0/99 | scale | е | | A4 | | \circ | 56 | Ω | γ | | shee | t |
| | | | | | chr D.BRANN 12/20/99 SCC appd D.BRANN 12/20/99 | | | | | | <u>1:1</u> | | A4 | | J | $\mathcal{O}($ |) _ (| J | | 7 0 | f |
| she | et | revision | on | | | | D.BRANN 12/20/99 | | | | | | | | | | | | | | |
| inde | ex | sheet | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | ~~~ | | | | | | |

PDM: Rev:M

cage code 4 STATUS: Released 2 6 Printed: Feb 06, 2008

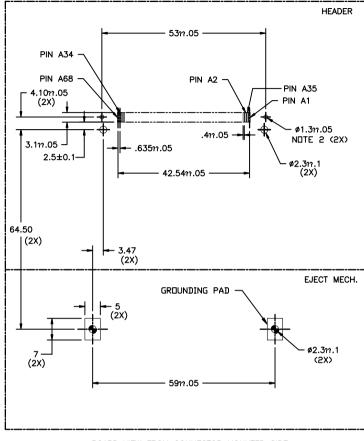
FIGURE "A"
TOP MOUNT HEADER/MECH. PCB LAYOUT

2

HEADER .635 27.05 TYP 5311.05 PIN A35 PIN A1 PIN A2 PIN A34 − 4.1077.05 PIN A68 (2X) ø1.377.05 .4??.05 NOTE 2 (2X) 3.117.05 .4 77.05 -.635??.05 2.577.1 92.3₇₇.1 (2X) 42.5477.05 64.50 (2X) -- 3.47 (2X) EJECT MECH. GROUNDING PAD - ø2.377.1 (SX) (2X) 5911.05

BOARD VIEW FROM CONNECTOR MOUNTED SIDE TOP OF BOARD IN APPLICATION

FIGURE "B"
BOTTOM MOUNT HEADER/MECH. PCB LAYOUT



BOARD VIEW FROM CONNECTOR MOUNTED SIDE BOTTOM OF BOARD IN APPLICATION

NOTES:

- 1 ALL TOLERANCES ±.15 UNLESS NOTED.
- ② THIS HOLE REQUIRED FOR HEADERS WITH BOARD LOCATOR.
- 3 KEEP-OUT ZONE FOR ASSEMBLIES SHOWN ON SHEET 9 FIGURE B.

| mat | ۰,۱ | code | | | | 4-1- | | | 1 | | | | | | | | | | | | | |
|------|--------|--------|-----|------|------|--|---------------------|-----|------|------|-------|------------|---|------------|--------|------------|-----------------------------|----------------|----------|-------|--------|-----|
| mac | l I. C | .oue _ | | | | | rance erwise | | | | | STON | | 4 | | Εl | ec. | tro | phic | 5 | | |
| Itr | ecr | n no | dr | date | | - | | .X± | | | (| COP, | 1 | 4 | FC | CI | | | www.f | cicon | nect.c | :OM |
| м | | | | | line | or 🗀 | | XX± | .13 | | proje | ection | | title | | | | | | | | |
| | | | | | | | .XXX±.051 0° ±2° | | | | 4 | 7 - | 1 | 51 | / F | . IE (| ٦Τ | HE | ۱DE | R | ASS | · Y |
| | | | | | ang | | | | | 7 | 7 | 7 | | ′ ∟ | .0 _ \ | ノ I | 11 1 / | | .1 \ . | | 1 | |
| | | | | | dr | G. | .CLEMENS 12/2 | | | 0/99 | | ММ | | produ | ıct fa | mily | | MCS | 5 | | code | ; |
| | | | | | eng | r [| | | 12/2 | 0/99 | - | | _ | size | dwg | no | | | | | | - |
| | | | | | chr | [| D.BRAN | IN | 12/2 | 0/99 | scale | 9 | | Д4 | | Ω | 56 | $\mathcal{O}($ | γ | | shee | t |
| | | | | | appe | d c | D.BRANN 12/20/99 | | | | | <u>1:1</u> | | A4 | | J | $\mathcal{O}_{\mathcal{C}}$ |) _ (| J | | 8 0 | f |
| she | et | revis | ion | | | | D.BRANN 12/20/ | | | | | | | | | | | | | | | |
| inde | ex _ | shee | t | | | | | | | | | | | | | | | | | | | |

PDM: Rev:M

cage code 4 STATUS: Released 2 6 Printed: Feb 06, 2008