

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

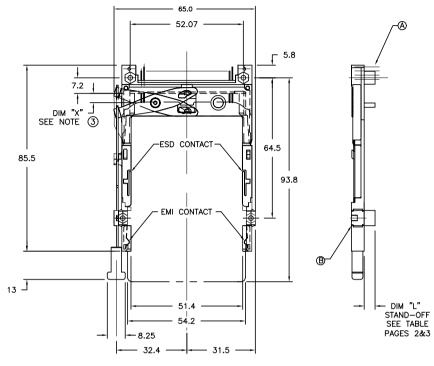
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









- 41.91

LEFT PUSH-ROD

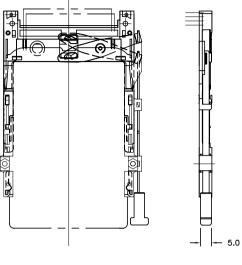
RIGHT ANGLE SOLDER TAIL ABOVE P.C.B. 5.0mm STAND-OFF

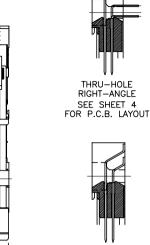
P/N: 95620-150CA/150CALF

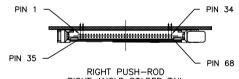
1

PIN 34 5.8 **-** 3.1

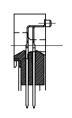
PIN 68







RIGHT ANGLE SOLDER TAIL BELOW P.C.B. 0mm STAND-OFF P/N: 95620-500CA/500CALF



SURFACE MOUNT

STAGGERED

SEE SHEET 5

FOR P.C.B. LAYOUT

SURFACE MOUNT IN-LINE SEE SHEET 6 FOR P.C.B. LAYOUT

#### NOTES:

1. REFER TO HEADER DRAWING 92140 AND EJECT MECHANISM 95079 FOR ADDITIONAL DIMENSIONS, MATERIAL, AND PLATING INFORMATION.

1.27

PIN 35

surface /tolerance projectionproduct family mat'l. code IS□1302 V ISD1101 ISD406 MCS ltrecn nødr date tolerances unless other specifie atitle V20418 LP 3/1/02 0.X±0.3 5V EJECT HEADER ASSY M N05-0054 WB 03/01/05 0.XX±0.13 N ELX-N-011441 ZK 04/02/12 0°±2° 0.XXX±0.051 scale 1:1 shee.t1of9 size D.SHEAFFER 11/17/94 dwg no D.BRANN 12/7/94 95620 D.BRANN 12/7/94 appd D.BRANN 12/7/94 type Product Customer Drawing sheet | revisidn N | N | N N N N N N index sheet 1 2 5 7

form: A4mmXLc

В

2

PDS: Rev:N3 STATUS:Released

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

DESCRIPTION. AL	JOVE 1.0.D.,	DECK AND	1 03H-ROD L	JUANUANE A	42 AIEMED BY OZE	11.		
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 -100CA
025CA	RIGHT	R/A	0.0	045	00CA			95620-020CA or -120CA
105CA	LEFT	R/A	0.0	005	10CA			95620-000CA or -100CA
125CA	LEFT	R/A	0.0	045	10CA			95620-020CA or -120CA

#### NOTES:

- MATERIAL:
  - 1.1 HEADER ASSY:
    PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK ABOVE PCB
    HIGH TEMPERATURE THERMOPLASTIC UL94V-0 (WHITE) BELOW PCB PIN: PHOSPHOR BRONZE
  - 1.2 EJECT MECHANISM ASSY:
    PLASTIC GUIDE: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
    PLASTIC PUSH-ROD BUTTON: HIGH TEMPERATURE THERMOPLASTIC 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: 0.076 µm MIN. GOLD

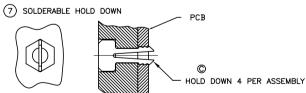
SOLDER TAIL: 2.5um Sn-Pb

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: SULDER HAIL KET/PGB LATOUT:
  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



8. PRODUCT SPEC:110-263

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В

form: A4mmXLc

2

PDS: Rev :N3

STATUS:Released

DESCRIPTION: AE	BOVE P.C.B.,	DECK AND	PUSH-ROD LO	CATION ARE A	AS VIEWED BY USE	R.		
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 -100CALF
025CALF	RIGHT	R/A	0.0	045LF	OOCA			95620-020CALF or -120CALF
105CALF	LEFT	R/A	0.0	005LF	10CA			95620-000CALF or -100CALF
125CALF	LEFT	R/A	0.0	045LF	10CA			95620-020CALF or -120CALF

2

NOTES:

1. MATERIAL: 1.1 HEADER ASSY:

PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK - ABOVE PCB HIGH TEMPERATURE THERMOPLASTIC UL94V-0 (WHITE) - BELOW PCB

HIGH TEMPERATURE THERMOPLASTIC UL94V-0 (WHITE) - BELOW
PIN: PHOSPHOR BRONZE

1.2 EJECT MECHANISM ASSY:
PLASTIC GUIDE: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PLASTIC PUSH-ROD BUTTON: HIGH TEMPERATURE THERMOPLASTIC 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: 0.076 µm MIN. GOLD

3 SOLDER TAIL: 2.5um Sn-Pb 4.25±.1 3.5±.1 5.0±.1

OTHERS 36,67 1,17,34,35,51,68

UITEKS | 30,67 | 1,17,43,5,51,88 |

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/POB 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

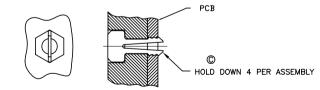
6 IF LEAD FREE P/N. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE SOLDER TAIL : SMT-IL, SMT-STG CAN RESIST 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
SOLDER TAIL: R/A CAN RESIST 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.

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

(10) SOLDERABLE HOLD DOWN



11. PRODUCT SPEC:110-263

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DESCRIPTION: BELOW P.C.B. DECK AND PLISH-ROD LOCATION ARE AS VIEWED BY LISER

DESCRIPTION: B	ELOW P.C.B.	, DECK AND	) PUSH-ROD	LOCATION AR	E AS VIEWED BY	USER.		
PRODUCT NO. 95620-XXXXX	PUSH ROD LOCATION	SOLDER TAIL 5	STAND-OFF HEIGHT DIM "L"	EJ. HEADER ASSY 92140-XXX	EJ. MECHANISM ASSY 95079-XXXX B	SOLDERABLE HOLD DOWN (4)	MOUNTING STYLE TO PCB AND PUSH-ROD LOCATION	USED WITH/COMMENTS
500CA	RIGHT	R/A	0.0	500	10CA			
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	0.0	503	10CA			NO BOARD LOCATORS
520CA	RIGHT	R/A	2.0	540	12CA			
540CA	RIGHT	R/A	4.0	510	14CA			
550CA	RIGHT	R/A	5.0	520	15CA			
600CA	LEFT	R/A	0.0	500	00CA			
601CA	LEFT	SMT-STG	0.0	501	00CA			
602CA	LEFT	SMT-IL	0.0	502	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	0.0	545	10CA			95620-520CA or -620CA
605CA	LEFT	R/A	0.0	505	00CA			95620-500CA or -600CA
625CA	LEFT	R/A	0.0	545	00CA			95620-520CA or -620CA

1. MATERIAL:

1.1 HEADER ASSY:

PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK - ABOVE PCB

HIGH TEMPERATURE THERMOPLASTIC UL94V-0 (WHITE) - BELOW PCB PIN: PHOSPHOR BRONZE

1.2 EJECT MECHANISM ASSY:
PLASTIC GUIDE: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PLASTIC PUSH-ROD BUTTON: HIGH TEMPERATURE THERMOPLASTIC 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: 0.076 µm MIN. GOLD

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:
  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. PRODUCT SPEC:110-263

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ind	index sheet																							

В

form: A4mmXLc

2

PDS: Rev :N3 STATUS:Released

DESCRIPTION, DELOW D.C.D., DECK AND DUCH DOD LOCATION ARE AS VIEWED BY LISED

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

#### NOTES:

- 1. MATERIAL:
  - 1.1 HEADER ASSY:
    PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK ABOVE PCB
    HIGH TEMPERATURE THERMOPLASTIC UL94V-0 (WHITE) BELOW PCB PIN: PHOSPHOR BRONZE
  - 1.2 EJECT MECHANISM ASSY:
    PLASTIC GUIDE: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
    PLASTIC PUSH-ROD BUTTON: HIGH TEMPERATURE THERMOPLASTIC 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: 0.076 µm MIN. GOLD

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: 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 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.
- 8 IF LEAD FREE P/N.THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBLED IN GS-22-008
- 9 LEAD FREE P/N PACKAGING MEETS GS-14-920 SPECIFICATION
- 10 PRODUCT SPEC:110-263

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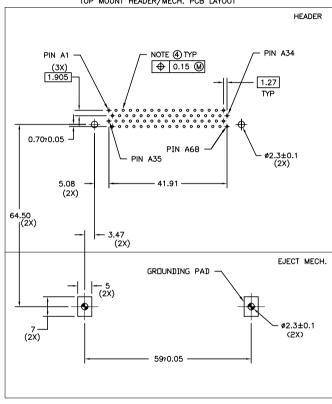
form: A4mmXLc

PDS: Rev :N3

**STATUS:Released** 

### Single Mount Right Angle

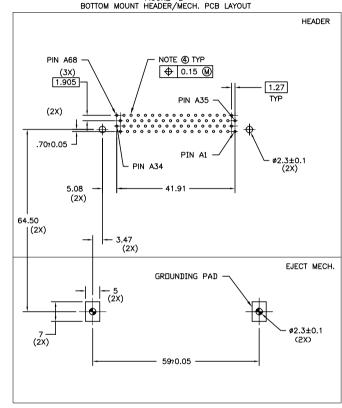
FIGURE "A"
TOP MOUNT HEADER/MECH. PCB LAYOUT



BOARD VIEW FROM CONNECTOR MOUNTED SIDE TOP 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.
- 4 RECOMMENDED DIAMETER IS \$1.0. FOR PROCESSES USING PASTE REFLOW, HOLE MAY BE AS SMALL AS Ø0.79



BOARD VIEW FROM CONNECTOR MOUNTED SIDE BOTTOM OF BOARD IN APPLICATION

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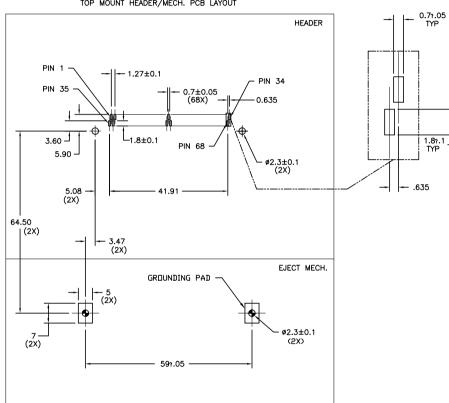
PDS: Rev :N3

STATUS:Released

### Surface Mount 2-Row

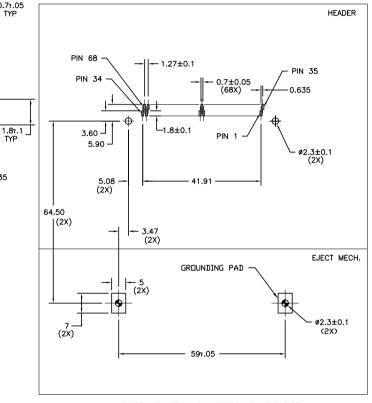
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FIGURE "A"
TOP MOUNT HEADER/MECH. PCB LAYOUT



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 ±0.15 UNLESS NOTED.
- 2 KEEP-OUT ZONE FOR ASSEMBLIES SHOWN ON SHEET 9 FIGURE B.

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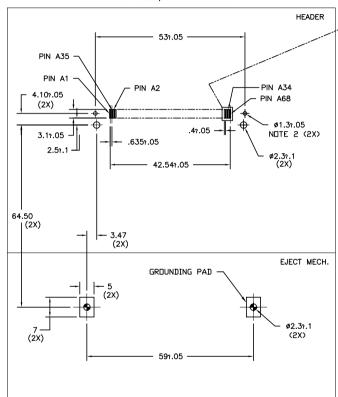
form: A4mmXLc

### Surface Mount In-Line

\_ .635 1.05

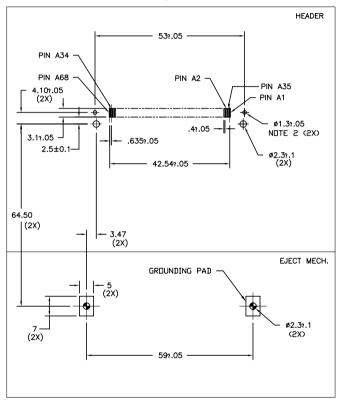
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FIGURE "A"
TOP MOUNT HEADER/MECH. PCB LAYOUT



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.

surface tolerance projection product family mat'l. code IS□1302 V ISD1101 ISD406 MCS ltrecn nodr date specifie atitle tolerances unless other 0.X±0.3 langle|\$ 5V EJECT HEADER ASSY 0.XX±0.13 0°±2° 0.XXX±0.051 scale 1:1 sheet8of9 size D.SHEAFFER 11/17/94 dwg no D.BRANN 12/7/94 95620 D.BRANN 12/7/94 appd D.BRANN 12/7/94 type Product Customer Drawing sheet revision index sheet PDS: Rev:N3

form: A4mmXLc

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STATUS:Released

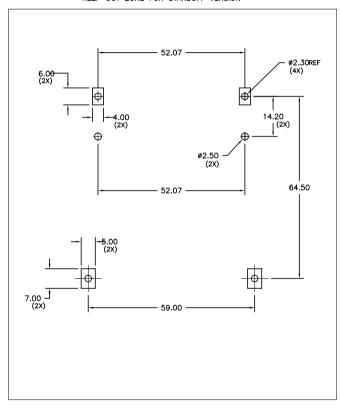
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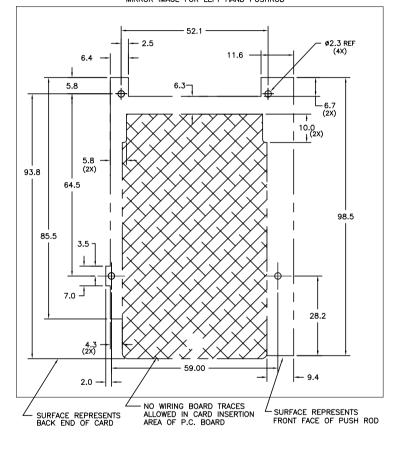
Board Keep Out Zone (NOT INCLUDING HEADER)

FIGURE "A"
KEEP OUT ZONE FOR STANDOFF VERSION



NOTES:

 ALL DIMENSIONS SHOWN ARE NOMINAL AND DEFINE THE OUTSIDE SURFACES OF THE ASSEMBLY. A MINIMUM OF 0.25mm (0.010") CLEARANCE BETWEEN THE ASSEMBLY AND ANY COMPONENTS IS SUGGESTED. FIGURE "B" NOTE 1
KEEP OUT ZONE FOR NO STANDOFF VERSION
RIGHT HAND PUSHROD VERSION SHOWN
MIRROR IMAGE FOR LEFT HAND PUSHROD



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