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

PRODUCT NO. 98725-XXXX	PCB SIDE	PUSH ROD LOCATION	SOLDER TAIL ⑤	STAND-OFF HEIGHT DIM "L"	EJ. HEADER ASSY 95706-XXX ①	EJ. MECHANISM ASSY 95627-XXXX ②	MOUNTING STYLE TO PCB AND PUSH-ROD LOCATION
000CA	ABOVE	RIGHT	R/A	0.0	000	00CA	
001CA	ABOVE	RIGHT	SMT-STG	0.0	001	00CA	
002CA	ABOVE	RIGHT	SMT-IL	0.0	002	00CA	
020CA	ABOVE	RIGHT	R/A	2.0	040	02CA	
040CA	ABOVE	RIGHT	R/A	4.0	010	04CA	
050CA	ABOVE	RIGHT	R/A	5.0	020	05CA	
100CA	ABOVE	LEFT	R/A	0.0	000	10CA	
101CA	ABOVE	LEFT	SMT-STG	0.0	001	10CA	
102CA	ABOVE	LEFT	SMT-IL	0.0	002	10CA	
120CA	ABOVE	LEFT	R/A	2.0	040	12CA	
140CA	ABOVE	LEFT	R/A	4.0	010	14CA	
150CA	ABOVE	LEFT	R/A	5.0	020	15CA	
500CA	BELOW	RIGHT	R/A	0.0	500	10CA	
501CA	BELOW	RIGHT	SMT-STG	0.0	501	10CA	
502CA	BELOW	RIGHT	SMT-IL	0.0	502	10CA	
520CA	BELOW	RIGHT	R/A	2.0	540	12CA	
540CA	BELOW	RIGHT	R/A	4.0	510	14CA	
550CA	BELOW	RIGHT	R/A	5.0	520	15CA	
600CA	BELOW	LEFT	R/A	0.0	500	00CA	
601CA	BELOW	LEFT	SMT-STG	0.0	501	00CA	
602CA	BELOW	LEFT	SMT-IL	0.0	502	00CA	
620CA	BELOW	LEFT	R/A	2.0	540	02CA	
640CA	BELOW	LEFT	R/A	4.0	510	04CA	
650CA	BELOW	LEFT	R/A	5.0	520	05CA	

NOTES:

- 1 MATERIAL:  
1.1 HEADER ASSY:  
PLASTIC HOUSING: LCP UL94V-0 BLACK - ABOVE PCB  
LCP UL94V-0 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 MIN Ni  
CONTACT AREA: 0.1um MIN GOLD OVER  
0.5um MIN Pd-Ni  
SOLDER TAIL: 2.5um MIN 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).  
RECOMMENDED SCREW TORQUE: 1.0 TO  
1.5 MAX in-lbs. (1.2-1.7 cm-kgs).

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

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		BERG ELECTRONICS	
lir	ecn no	dr	date	linear	.X ±.3		projection	title 3.3V EJECT HEADER ASSY		
A	V92043	CGC	10/13/99		.XX ±.13					
				angles	.XXX ±.051					
				dr	G.CLEMENS	10/13/99	mm ← →	product family		code
				engr	D.BRANN	10/13/99		MCS		-
				chr	D.BRANN	10/13/99		size		sheet
				appd	D.BRANN	10/13/99		A4		1 of 6
sheet index	revision	A	A	A	A	A	scale	1/1		
	sheet	1	2	3	4	5				

form no. 7530-001-103

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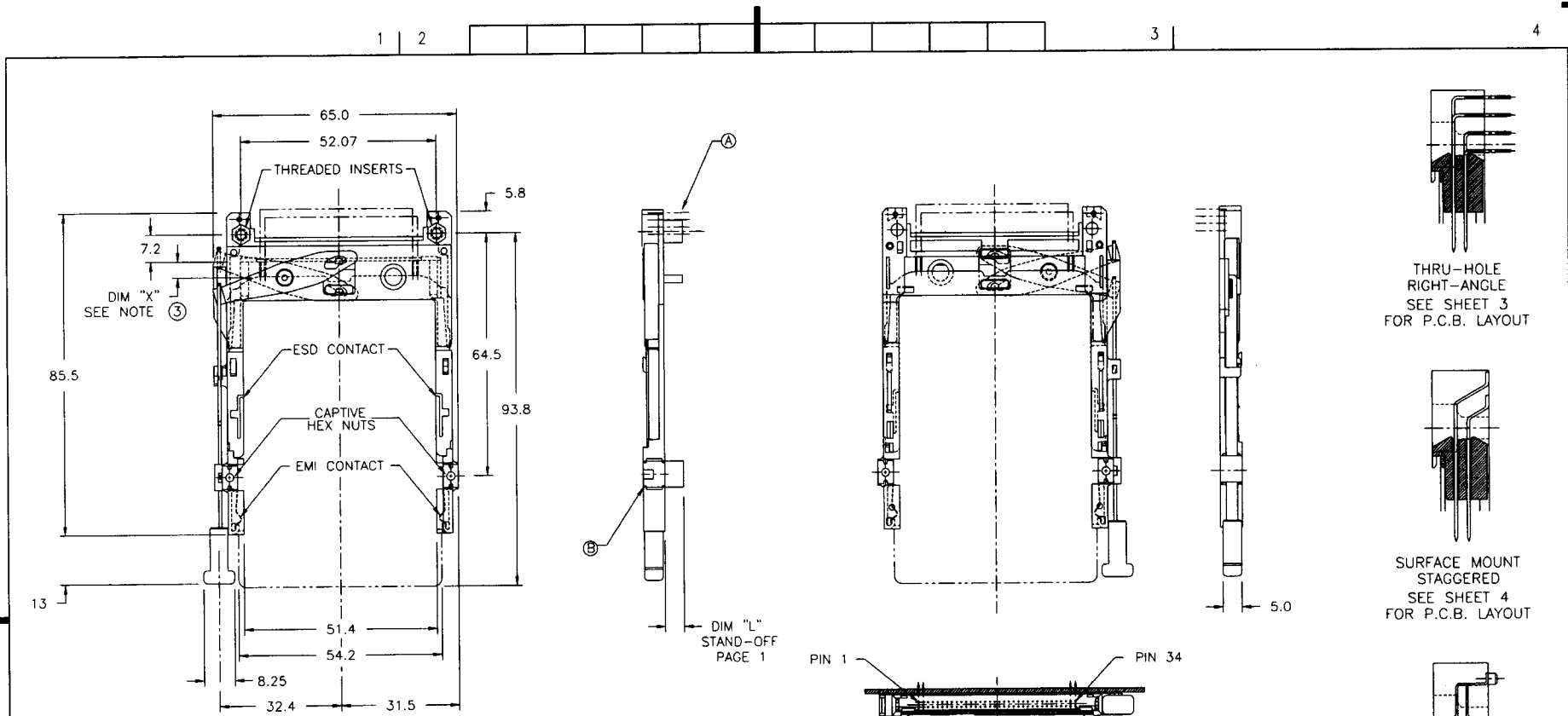
PDM: Rev:A

STATUS: Released

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NOTES:  
 1. REFER TO HEADER DRAWING 95706 AND EJECT MECHANISM 95627 FOR ADDITIONAL DIMENSIONS, MATERIAL, AND PLATING INFORMATION.

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l/r	ecr no	dr	date	linear	.X ±.3		projection	title			
A					.XX ±.13			3.3V EJECT HEADER ASSY			
				angles	.XXX ±.051						
				dr	G.CLEMENS	10/13/99	 mm scale 1/1	product family MCS		code	
				enr	D.BRANN	10/13/99		size dwg no		-	
				chr	D.BRANN	10/13/99		A4 98725		sheet 2 of 6	
				appd	D.BRANN	10/13/99					
sheet index	revision sheet										cage code 22526

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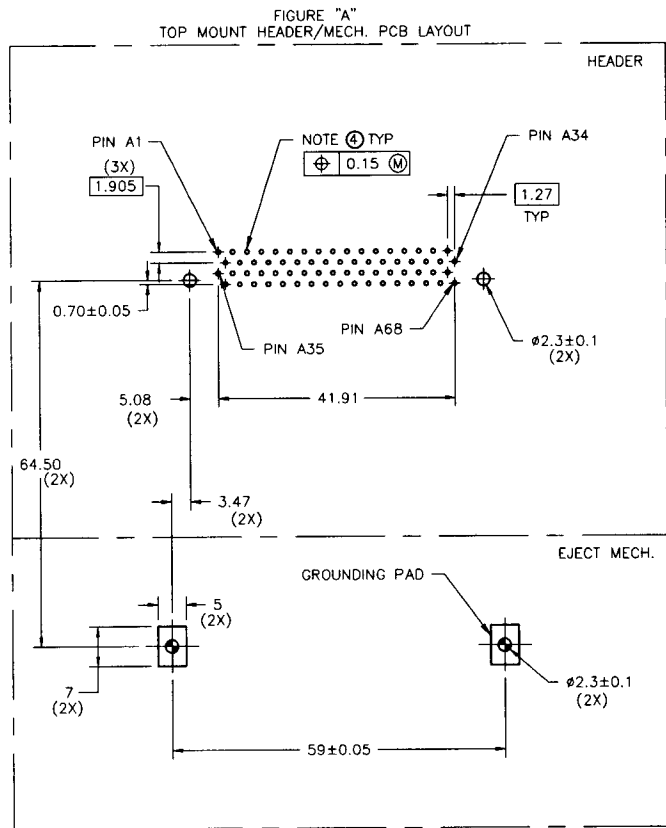
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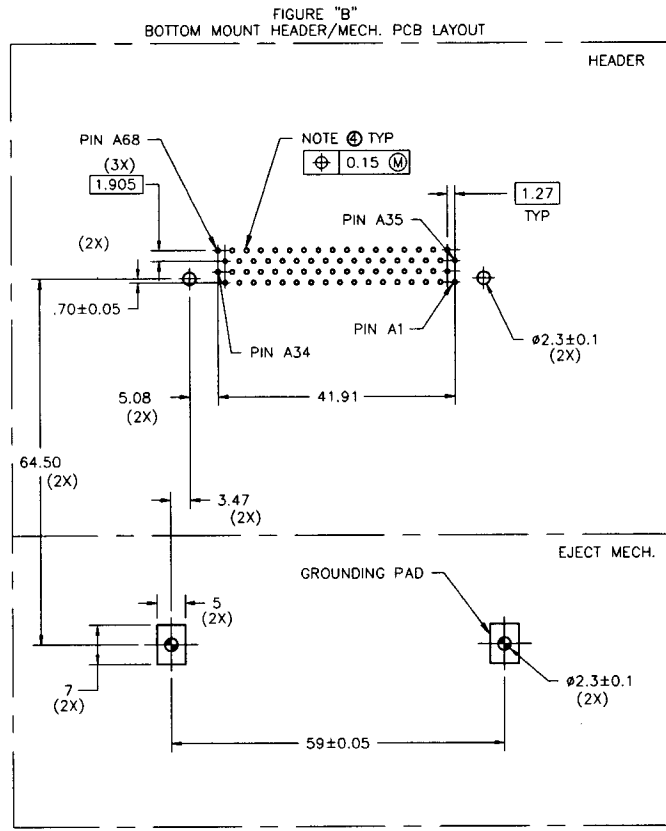
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### Single Mount Right Angle



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  $\pm 0.15$  UNLESS NOTED.
- 2 KEEP-OUT ZONE FOR HEADERS W\STAND-OFF OPTIONS SEE SHEET 6 FIGURE A.
- 3 KEEP-OUT ZONE FOR HEADERS W\O STAND-OFF OPTIONS SEE SHEET 6 FIGURE B.
- ④ 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		<b>BERG ELECTRONICS</b>	
l/r	ecn no	dr	date	linear	projection	title	
A				.X $\pm .3$ .XX $\pm .13$ .XXX $\pm .051$		3.3V EJECT HDR ASSY	
				angles	mm	product family	code
				dr G.CLEMENS 10/13/99	1:1	MCS	-
				engr D.BRANN 10/13/99		size	sheet
				chr D.BRANN 10/13/99		A4	3 of 6
				appd D.BRANN 10/13/99		98725	
sheet index	revision sheet						

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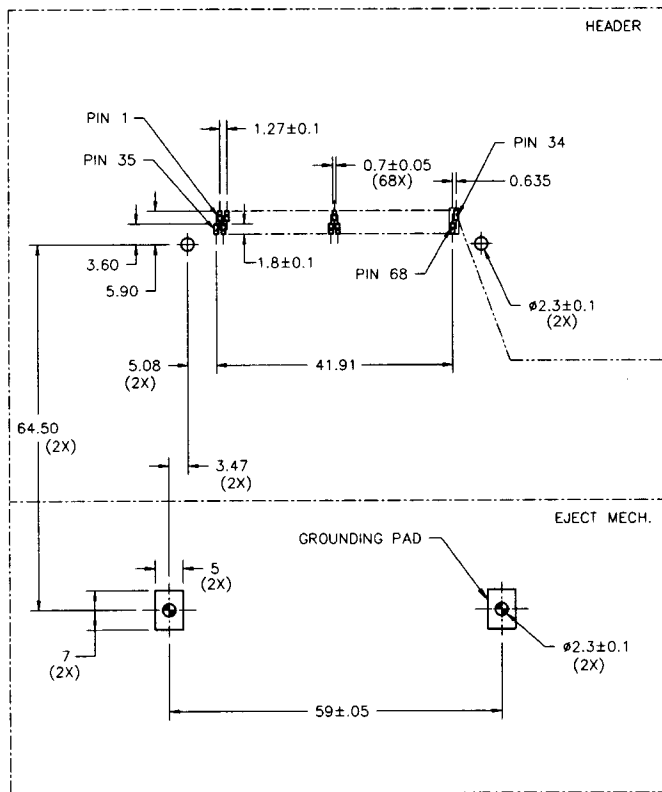
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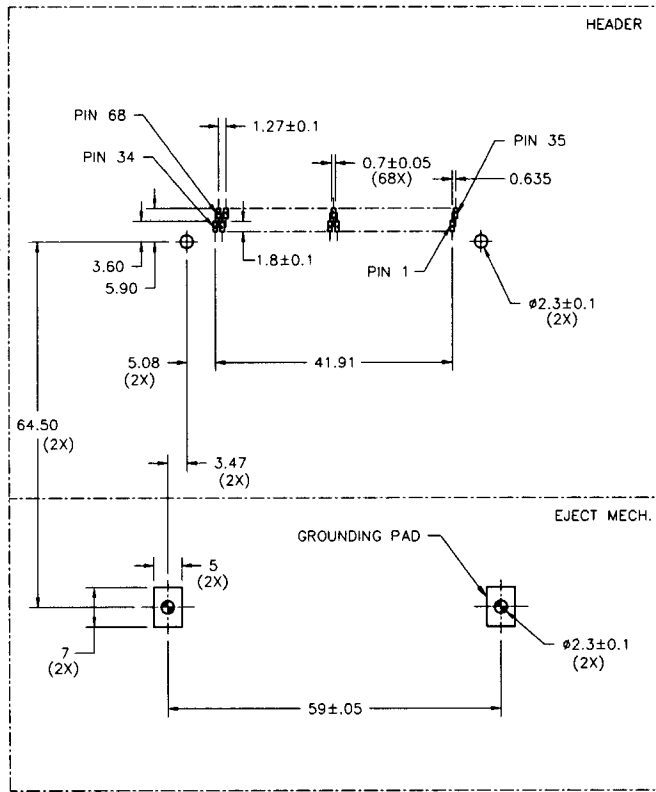
# Surface Mount 2-Row

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 6 FIGURE B.

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		<b>BERG ELECTRONICS</b>		
ltr	ecn no	dr	date	linear	projection	title		
A				.X ±.3		3.3V EJECT HDR ASSY		
				.XX ±.13		product family	MCS	code
				.XXX ±.051		size	dwg no	-
				angles	mm	scale	sheet	
				dr	G.CLEMENS	10/13/99	4 of 6	
				enr	D.BRANN	10/13/99		
				chr	D.BRANN	10/13/99		
				appd	D.BRANN	10/13/99		
sheet index	revision sheet							

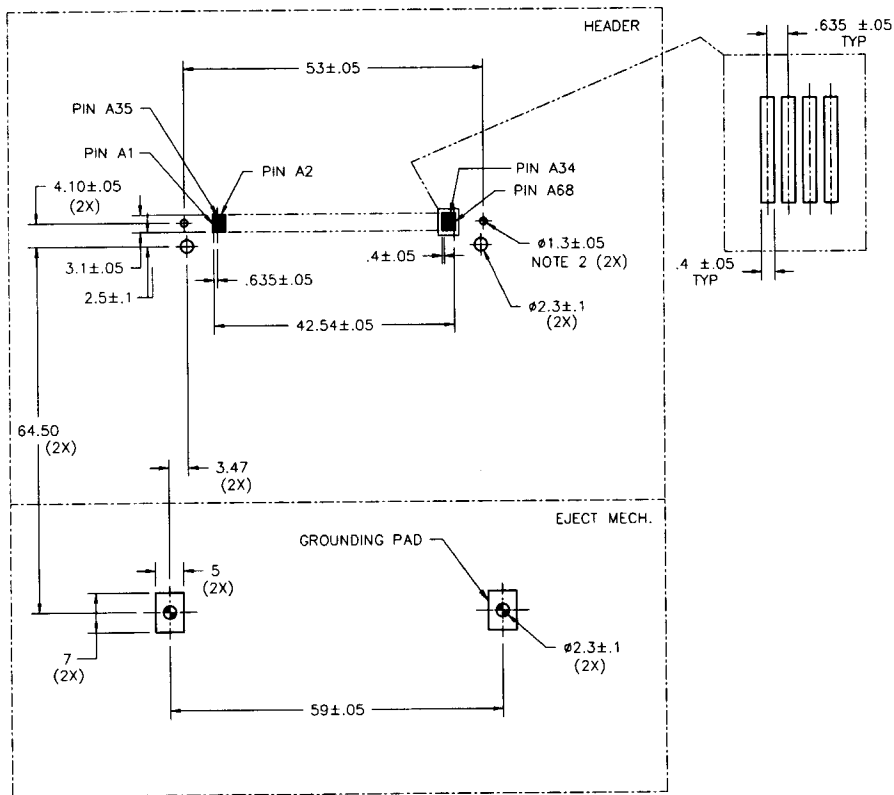
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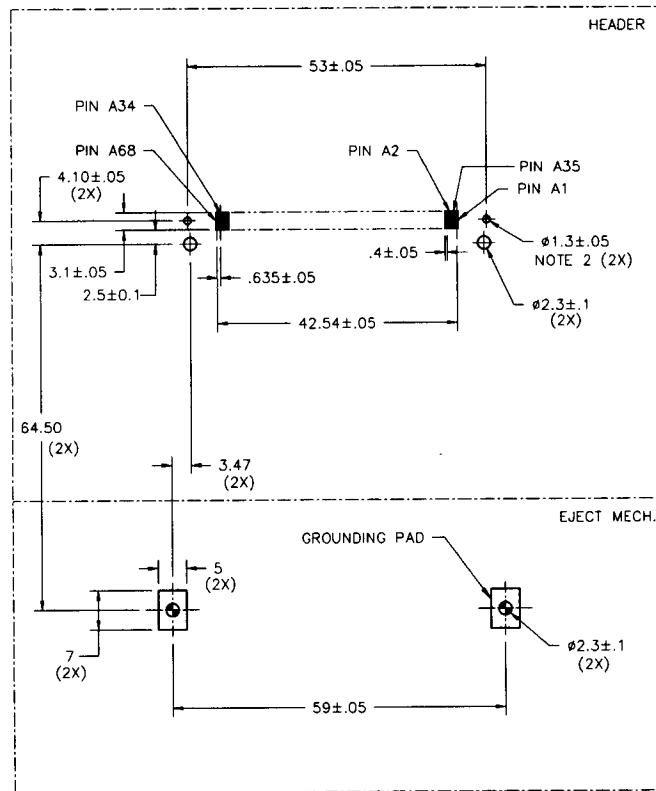
### Surface Mount In-Line

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 6 FIGURE B.

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		<b>BERG ELECTRONICS</b>	
ltr	ecn no	dr	date	linear	.X ±.3	projection				title	
A				angles	.XX ±.13	mm				3.3V EJECT HDR ASSY P.C.B. LAYOUT	
				dr	.XXX ±.051	scale		product family		code	
				engr	0' ±2'	1:1		MCS		-	
				chr				size		sheet	
				appd				A4		5 of 6	
sheet index	revision sheet										



### Board Keep Out Zone (NOT INCLUDING HEADER)

FIGURE "A"  
KEEP OUT ZONE FOR STANDOFF VERSION

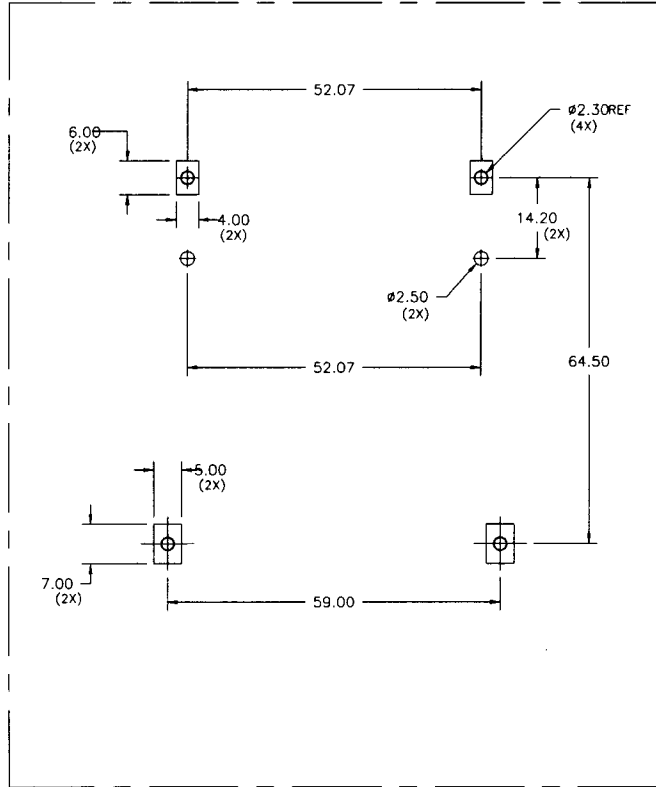
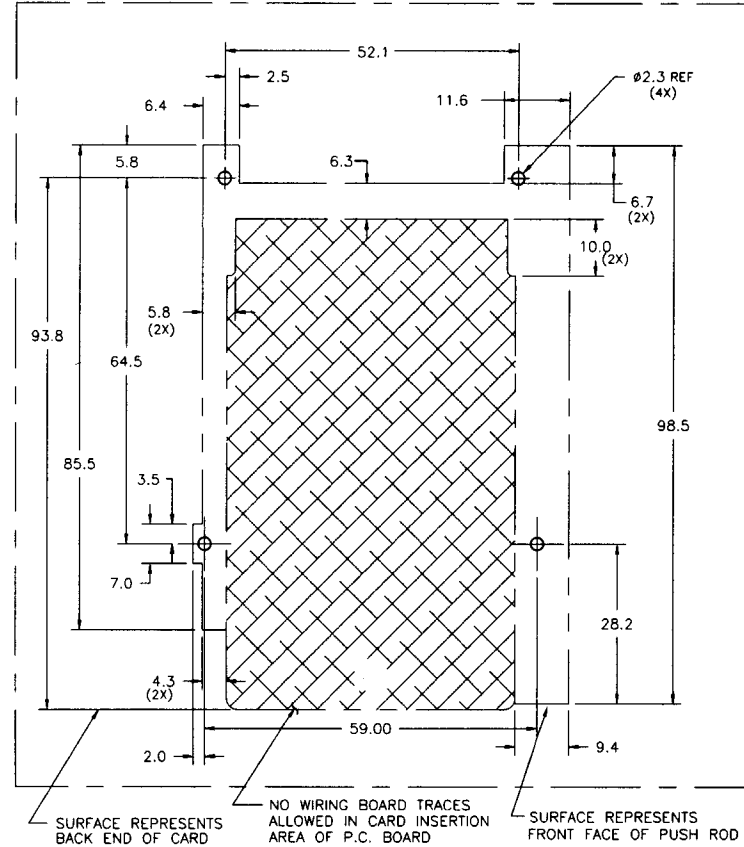


FIGURE "B" NOTE 1  
KEEP OUT ZONE FOR NO STANDOFF VERSION  
RIGHT HAND PUSHROD VERSION SHOWN  
MIRROR IMAGE FOR LEFT HAND PUSHROD



NOTES:

- ① 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.

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		<b>BERG ELECTRONICS</b>	
ltr	ecn no	dr	date	linear	.X ±.3	projection	title
A				linear	.XX ±.13		3.3V EJECT HEADER ASSY
				linear	.XXX ±.051		product family
				angles	0° ±2°	mm	code
				dr	G.CLEMENS 10/13/99	scale	1:1
				enrg	D.BRANN 10/13/99	size	A4
				chr	D.BRANN 10/13/99	dwg no	98725
				appd	D.BRANN 10/13/99	sheet	6 of 6
sheet	revision						
index	sheet						