

DESCRIPTION : ABOVE PCB, DECK AND PUSH ROD LOCATION ARE AS VIEW BY USER.

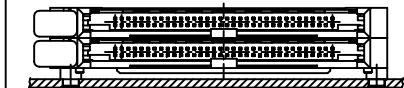
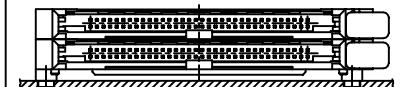
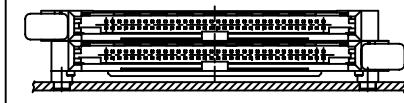
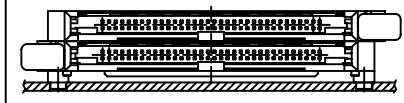
PRODUCT NO.	PUSH ROD LOCATION		STAND-OFF HEIGHT	CLOSEST TO PCB EJ HDR ASS'Y ② 61557-*****	FARTHEST FROM PCB EJ HDR ASS'Y ③ 61556-*****	THREADED INSERT (2 PCS) ④ 61553-***	MATING RECEPTACLE ⑤	P.C.B SIDE	RECOMMENDED P.C.B LAYOUT	MOUNT STYLE TO PCB AND PUSH ROD SIDE
	DECK CLOSEST TO PCB	DECK FARTHEST TO PCB								
Ⓐ 61555-*****										
000CA	LEFT	RIGHT	0.0	100CA	000CA	0000				
020CA	LEFT	RIGHT	2.0	120CA	020CA	0020				
022CA	LEFT	RIGHT	2.2	122CA	022CA	0022				
040CA	LEFT	RIGHT	4.0	140CA	040CA	0040				
043CA	LEFT	RIGHT	4.3	143CA	043CA	0043				
050CA	LEFT	RIGHT	5.0	150CA	050CA	0050				
100CA	RIGHT	LEFT	0.0	000CA	100CA	0000				
120CA	RIGHT	LEFT	2.0	020CA	120CA	0020				
122CA	RIGHT	LEFT	2.2	022CA	122CA	0022				
140CA	RIGHT	LEFT	4.0	040CA	140CA	0040				
143CA	RIGHT	LEFT	4.3	043CA	143CA	0043				
150CA	RIGHT	LEFT	5.0	050CA	150CA	0050				
200CA	RIGHT	RIGHT	0.0	000CA	000CA	0000				
206CA	RIGHT	RIGHT	0.6	006CA	006CA	0006				
220CA	RIGHT	RIGHT	2.0	020CA	020CA	0020				
222CA	RIGHT	RIGHT	2.2	022CA	022CA	0022				
240CA	RIGHT	RIGHT	4.0	040CA	040CA	0040				
243CA	RIGHT	RIGHT	4.3	043CA	043CA	0043				
250CA	RIGHT	RIGHT	5.0	050CA	050CA	0050				
300CA	LEFT	LEFT	0.0	100CA	100CA	0000				
320CA	LEFT	LEFT	2.0	120CA	120CA	0020				
322CA	LEFT	LEFT	2.2	122CA	122CA	0022				
340CA	LEFT	LEFT	4.0	140CA	140CA	0040				
343CA	LEFT	LEFT	4.3	143CA	143CA	0043				
350CA	LEFT	LEFT	5.0	150CA	150CA	0050				

#### ORDERING INFORMATION

THREADED INSERT ASSEMBLED BY BERG		
NAME	PART NO.	Q'TY
Ⓐ EJECT HEADER ASS'Y	61555-*****	1
Ⓔ MATING RECEPTACLE	73277-101000	2
THREADED INSERT ASSEMBLED BY CUSTOMER		
NAME	PART NO.	Q'TY
Ⓑ DECK CLOSEST TO PCB	61557-*****	1
Ⓒ DECK FARTHEST FROM PCB	61556-*****	1
Ⓓ M2 INSERT	61553-*****	2
Ⓔ MATING RECEPTACLE	73277-101000	2

100 POSITIONS  
(2x50) 0.8mm  
RECEPTACLE  
PART NO.  
73277-101000

SEE DRAWING  
NO.: TA-1050



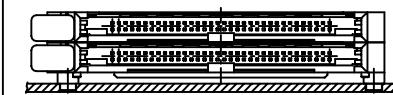
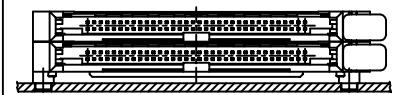
mat'l code				tolerance unless otherwise specified				CUSTOMER COPY	ELECTRONICS	
rev.	ecn no.	dr.	date	linear	± 0.30	projection	FCI		title	
A	T60342	W	07/25/96						CARDBUS EJ HEADER	
B	T60488	W	12/10/96						SMT, TYPE 1/2/3	
C	T70009	W	01/04/97	angles	± 2°				product family : PCMCIA	code
D	T70275	W	07/09/97	dr.	WENDY CHEN 07/25/96	unit			TWN	
E	T80260	W	06/22/98	engr.	JOSEPH HSIA 07/25/96	mm/inch			dwg no.	
F	T00103	W	04/19/00	chr.	JOSEPH HSIA 07/25/96	scale			sheet	
				appd.	JENN TSAO 07/25/96	1:1			1 of 9	
sheet	revision	F	E	E	E	E	F	F	E	
index	sheet	1	2	3	4	5	6	7	8	9

DESCRIPTION : ABOVE PCB, DECK AND PUSH ROD LOCATION ARE AS VIEW BY USER.

PRODUCT NO.	PUSH ROD LOCATION		STAND-OFF HEIGHT	CLOSEST TO PCB	FARTHEST FROM PCB	THREADED INSERT (2 PCS) ④ 61553-***	MATING RECEPTACLE ⑤	P.C.B SIDE	RECOMMENDED P.C.B LAYOUT	MOUNT STYLE TO PCB AND PUSH ROD SIDE
	DECK CLOSEST TO PCB	DECK FARTHEST TO PCB		EJ HDR ASS'Y ② 61557-*****	EJ HDR ASS'Y ③ 61556-*****					
① 61555-*****										
200CAS	RIGHT	RIGHT	0.0	000CAS	000CAS	0000				
206CAS	RIGHT	RIGHT	0.6	006CAS	006CAS	0006				
220CAS	RIGHT	RIGHT	2.0	020CAS	020CAS	0020				
222CAS	RIGHT	RIGHT	2.2	022CAS	022CAS	0022				
240CAS	RIGHT	RIGHT	4.0	040CAS	040CAS	0040				
243CAS	RIGHT	RIGHT	4.3	043CAS	043CAS	0043				
250CAS	RIGHT	RIGHT	5.0	050CAS	050CAS	0050				
300CAS	LEFT	LEFT	0.0	100CAS	100CAS	0000				
320CAS	LEFT	LEFT	2.0	120CAS	120CAS	0020				
322CAS	LEFT	LEFT	2.2	122CAS	122CAS	0022				
340CAS	LEFT	LEFT	4.0	140CAS	140CAS	0040				
343CAS	LEFT	LEFT	4.3	143CAS	143CAS	0043				
350CAS	LEFT	LEFT	5.0	150CAS	150CAS	0050				

100 POSITIONS  
(2x50) 0.8mm  
RECEPTACLE  
PART NO.  
73277-101000

SEE DRAWING  
NO.: TA-1050



#### ORDERING INFORMATION

THREADED INSERT ASSEMBLED BY BERG		
NAME	PART NO.	Q'TY
① EJECT HEADER ASS'Y	61555-*****	1
⑤ MATING RECEPTACLE	73277-101000	2
NAME		
NAME	PART NO.	Q'TY
② DECK CLOSEST TO PCB	61557-*****	1
③ DECK FARTHEST FROM PCB	61556-*****	1
④ M2 INSERT	61553-***	2
⑤ MATING RECEPTACLE	73277-101000	2

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY	BERG ELECTRONICS
rev.	ecn	no.	dr.	date	linear	± 0.30	
E					angles	± 2°	
					dr	WENDY CHEN 06/22/98	unit
					engr	JOSEPH HSIA 06/22/98	mm/inch
					chr	JOSEPH HSIA 06/22/98	scale
					appd	JENN TSAO 06/22/98	1:1
					sheet	revision	product family
					index	sheet	PCMCIA
							code
							TWN
							size
							dwg no.
							sheet
							2 OF

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Copyright BERG ELECTRONICS by

PRODUCT NO.

SEE TABLE A

1

2

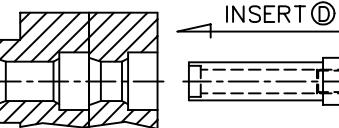
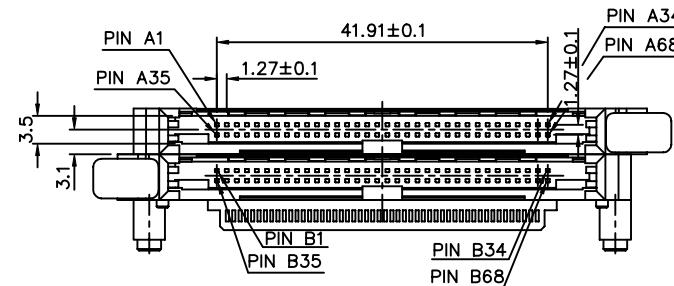
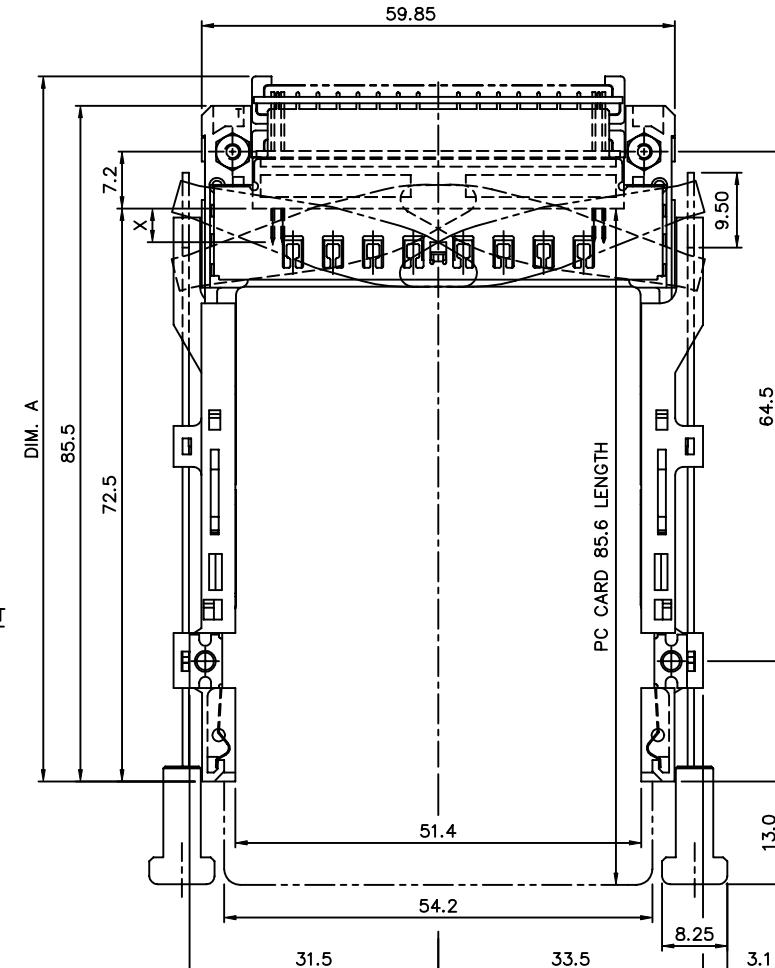
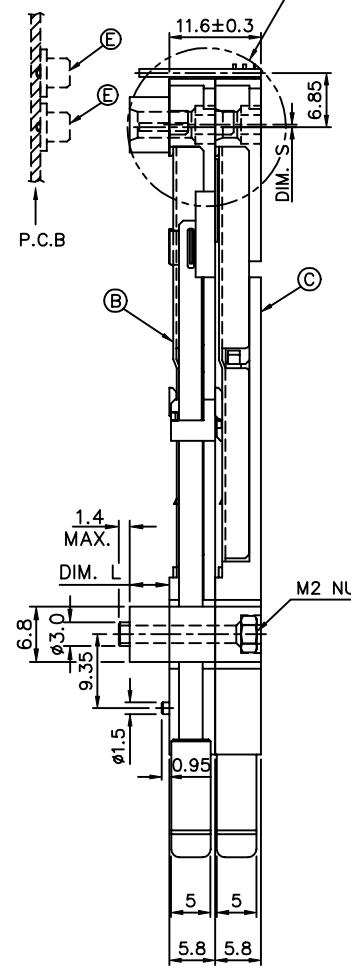
3

4

5

6

DETAIL Z



THREADED INSERT CAN BE  
ASSEMBLED BY BERG OR BY  
CUSTOMER

DETAIL Z

1

2

3

4

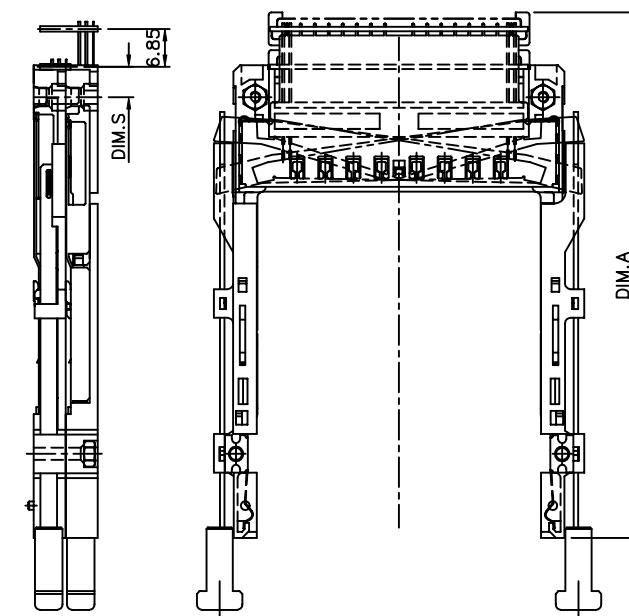
5

6

P/N: 61555-0\*\*CA  
(ABOVE P.C.B./LAYOUT SEE TA-1050)

TABLE A

④ PRODUCT NO.	STAND-OFF(DIM. L)	DIM. S	DIM. A
61555-050CA	5.0 mm	-0.3	89.25
-043CA	4.3 mm	-0.3	89.25
-040CA	4.0 mm	-0.3	89.25
-022CA	2.2 mm	1.0	90.55
-020CA	2.0 mm	1.0	90.55
-000CA	NONE	5.5	95.05



P/N: 61555-000CA

(ABOVE P.C.B./LAYOUT SEE TA-1050)

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY	title
rev.	ecn	no.	dr.	date	linear		
E					± 0.30	projection	BERG ELECTRONICS
					± 2°	unit	CARDBUS EJ HEADER
					dr. WENDY CHEN 07/25/96	mm/inch	SMT, TYPE 1/2/3
					engr. JOSEPH HSIA 07/25/96		product family PCMCIA
					chr. JOSEPH HSIA 07/25/96	scale	code TWN
					appd. JENN TSAO 07/25/96	1:1	size dwg no. A3
							sheet 3 OF
							Printed: Oct 12, 2010

PDM: Rev:F

STATUS Released

Printed: Oct 12, 2010

PRODUCT NO.

SEE TABLE A

1

2

3

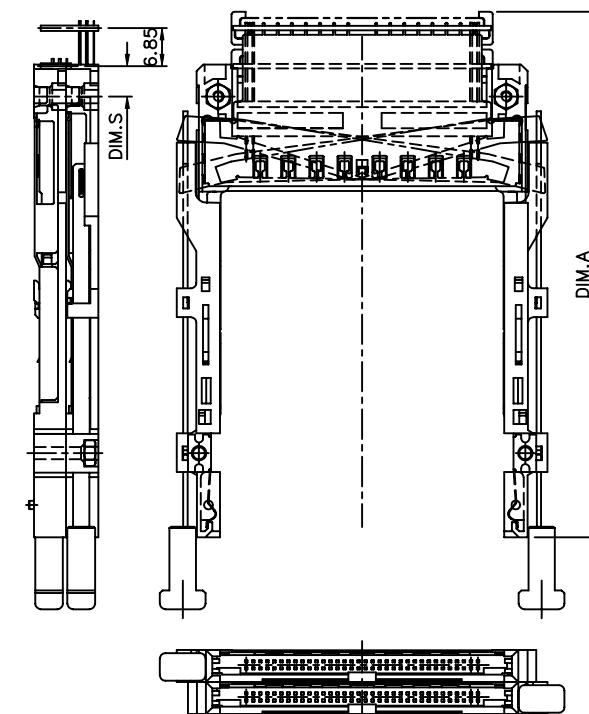
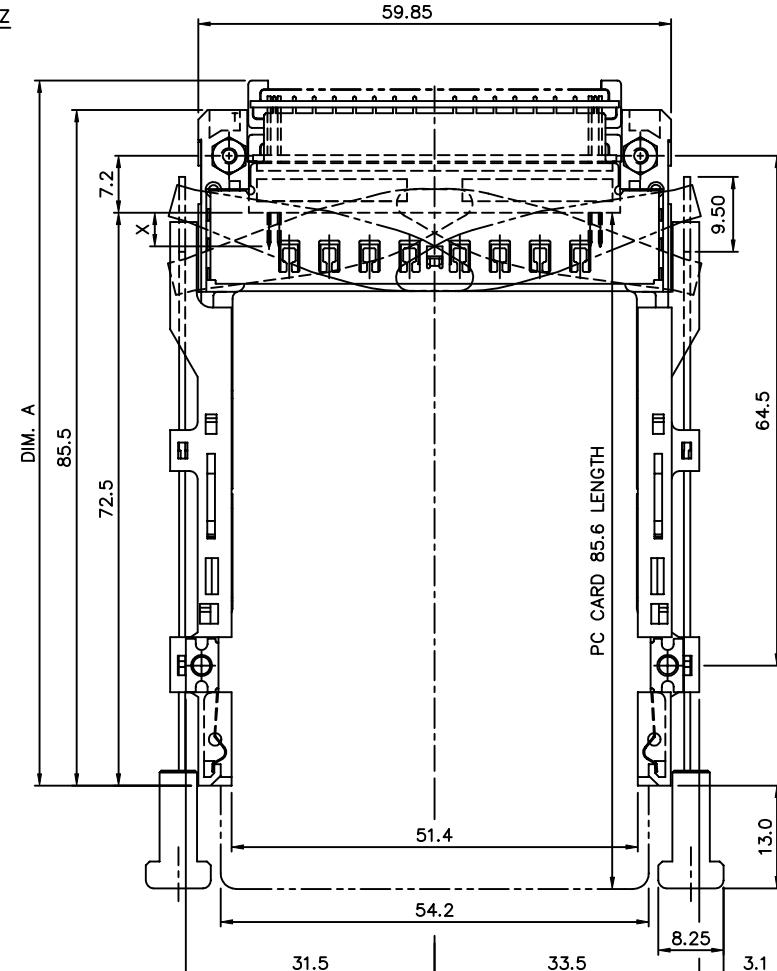
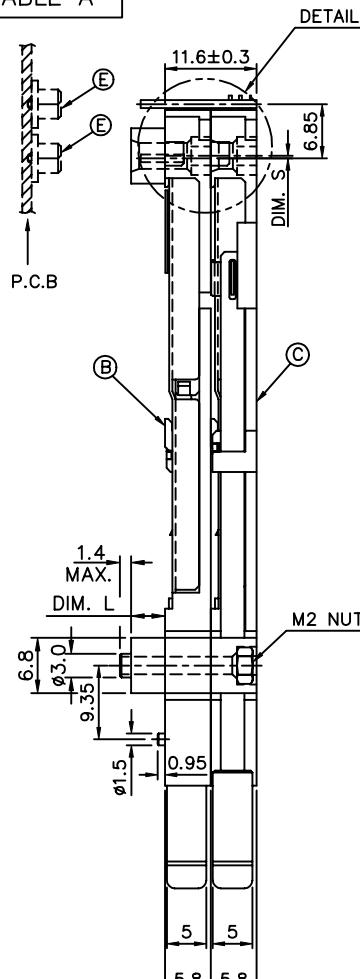
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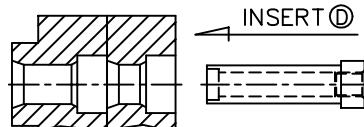
6

TABLE A

① PRODUCT NO.	STAND-OFF(DIM. L)	DIM. S	DIM. A
61555-150CA	5.0 mm	-0.3	89.25
-143CA	4.3 mm	-0.3	89.25
-140CA	4.0 mm	-0.3	89.25
-122CA	2.2 mm	1.0	90.55
-120CA	2.0 mm	1.0	90.55
-100CA	NONE	5.5	95.05

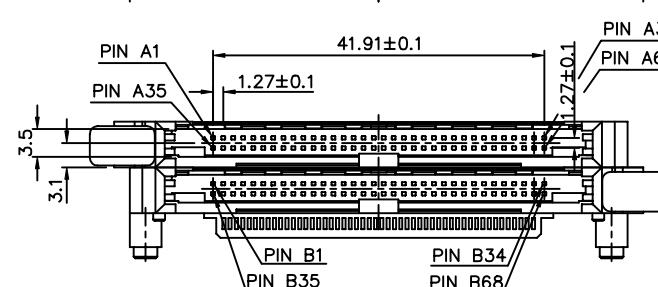


P/N: 61555-100CA  
 (ABOVE P.C.B./LAYOUT SEE TA-1050)



THREADED INSERT CAN BE  
 ASSEMBLED BY BERG OR BY  
 CUSTOMER

DETAIL Z

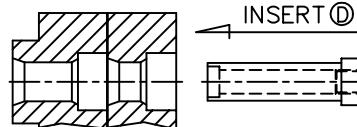
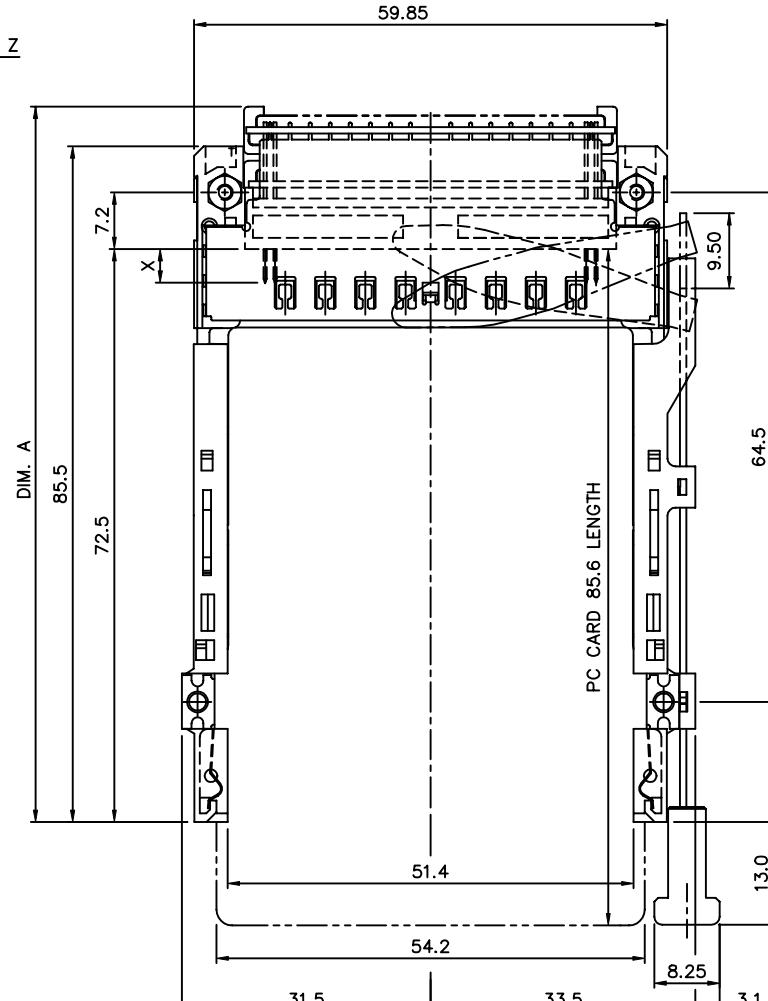
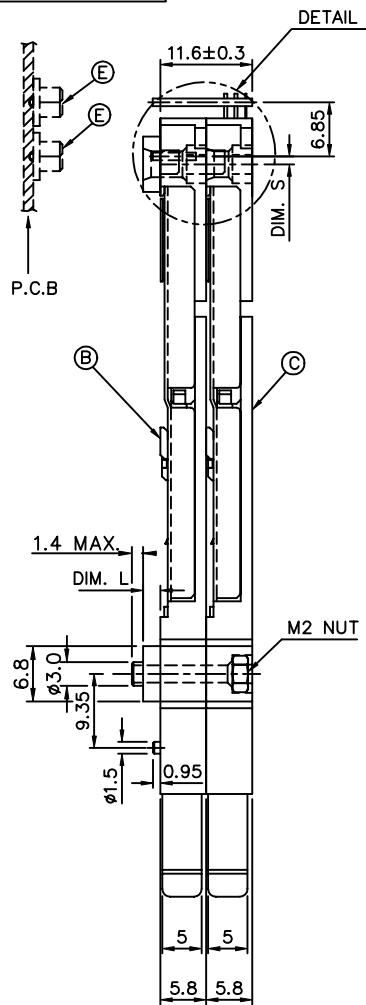


P/N: 61555-1\*\*CA  
 (ABOVE P.C.B./LAYOUT SEE TA-1050)

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY	title
rev.	ecn no.	dr	date	linear	± 0.30		
E				angles	± 2°	projection	BERG ELECTRONICS
				dr	WENDY CHEN 07/25/96	unit	CARDBUS EJ HEADER SMT, TYPE 1/2/3
				engr	JOSEPH HSIA 07/25/96	mm/inch	product family PCMCIA
				chr	JOSEPH HSIA 07/25/96	scale	code TWN
				appd	JENN TSAO 07/25/96	1:1	size A3
							dwg no. 61555
							sheet 4 OF

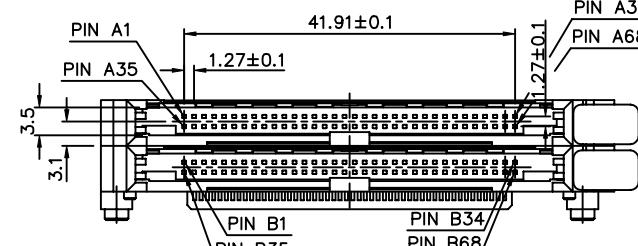
PRODUCT NO.

SEE TABLE A



THREADED INSERT CAN BE  
ASSEMBLED BY BERG OR BY  
CUSTOMER

DETAIL Z

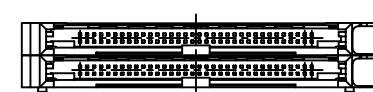
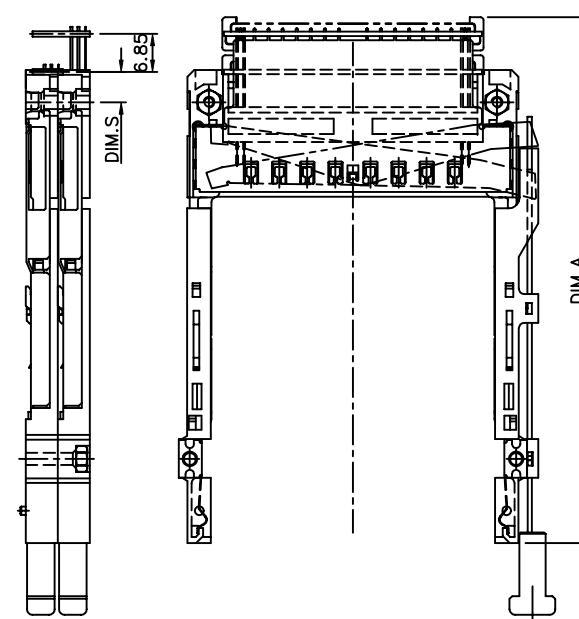


P/N : 61555-2\*\*CA  
(ABOVE P.C.B./LAYOUT SEE TA-1050)

1 2 3 4 5 6

TABLE A

④ PRODUCT NO.	STAND-OFF(DIM. L)	DIM. S	DIM. A
61555-250CA	5.0 mm	-0.3	89.25
-243CA	4.3 mm	-0.3	89.25
-240CA	4.0 mm	-0.3	89.25
-222CA	2.2 mm	1.0	90.55
-220CA	2.0 mm	1.0	90.55
-206CA	0.6 mm	5.5	95.05
-200CA	NONE	5.5	95.05



P/N : 61555-200CA  
(ABOVE P.C.B./LAYOUT SEE TA-1050)

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY	title
rev.	ecn no.	dr	date	linear	± 0.30		
E				angles	± 2°	projection	CARDBUS EJ HEADER
				dr	WENDY CHEN 07/25/96	unit	SMT, TYPE 1/2/3
				engr	JOSEPH HSIA 07/25/96	mm/inch	product family PCMCIA
				chr	JOSEPH HSIA 07/25/96	scale	code TWN
				appd	JENN TSAO 07/25/96	1:1	dwg no. A3
							sheet 5 OF
				sheet			
				revision			
				index sheet			

PDM: Rev:F

STATUS Released

Printed: Oct 12, 2010

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**BERG ELECTRONICS**  
 1000 Bloor Street West  
 Toronto, Ontario  
 Canada M6A 1E6

PRODUCT NO

SEE TABLE A

Technical cross-sectional diagram of a component assembly labeled "DETAIL". The diagram shows a vertical assembly with various dimensions and features:

- PCB:** A vertical structure on the left labeled "P.C.B.".
- Dimensions:**
  - Top:  $11.6 \pm 0.3$
  - Left side:  $6.8$ ,  $\varnothing 3.0$ ,  $9.35$ ,  $1.4$  MAX,  $\varnothing 1.5$ ,  $0.95$ ,  $5$ ,  $5$ ,  $5.8$ ,  $5.8$ .
  - Right side:  $6.85$ ,  $\text{DIM. S}$ ,  $\text{M2 NUT}$ .
- Labels:** (E) at the top left, (B) and (C) in the middle, and (E) again at the top right.

THREADED INSERT CAN BE  
ASSEMBLED BY BERG OR BY  
CUSTOMER

## DETAIL 2

This technical drawing illustrates a circuit board assembly with the following dimensions and features:

- Overall Width:** 59.85
- Overall Height:** 64.5
- Bottom Left Corner:** 13.0
- Bottom Left Hole:** 8.25
- Bottom Center:** 54.2
- Bottom Right Hole:** 51.4
- Left Side:** 9.50
- Right Side:** 72.5
- Top Right:** 7.2
- Bottom Right:** 85.5
- PC CARD 85.6 LENGTH:** A dimension line indicating the length of a PC card slot.

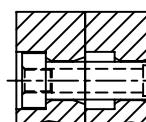
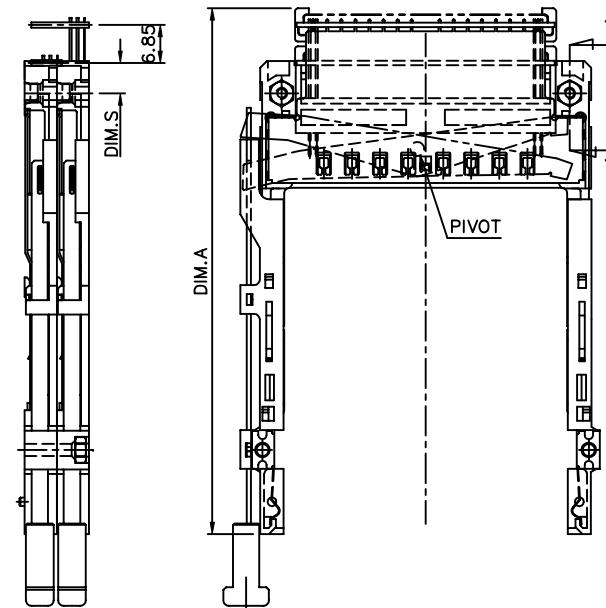
Technical drawing showing the layout and dimensions of a component. The drawing includes labels for pins A1, A35, A34, B1, and B34. Key dimensions are:

- Length of the main body:  $41.91 \pm 0.1$
- Width of the main body:  $1.27 \pm 0.1$
- Width of the right side:  $1.27 \pm 0.1$
- Width of the left side:  $2.7$
- Width of the right side:  $3.5$

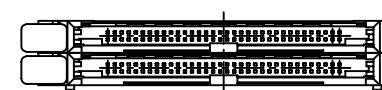
P/N : 61555-3\*\*CA  
(ABOVE P.C.B/ LAYOUT SEE TA-1050)

TABLE A

Ⓐ PRODUCT NO.	STAND-OFF(DIM. L)	DIM. S	DIM. A
61555-350CA	5.0 mm	-0.3	89.25
-343CA	4.3 mm	-0.3	89.25
-340CA	4.0 mm	-0.3	89.25
-322CA	2.2 mm	1.0	90.55
-320CA	2.0 mm	1.0	90.55
-300CA	NONE	5.5	95.05



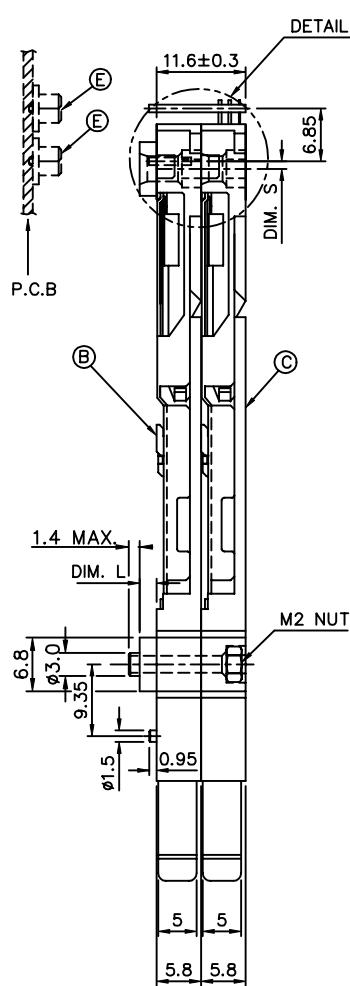
SEC.Y-



P/N : 61555-300CA  
(ABOVE P.C.B / LAYOUT SFF TA-1050)

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rev.	ecn no.	dr	date	linear	± 0.30		projection	title		
				angles	± 2°		CARDBUS EJ HEADER SMT, TYPE 1/2/3			
				dr	WENDY CHEN 07/25/96	unit	product family	PCMCIA	code	
				engr	JOSEPH HSIA 07/25/96	mm/inch	size	dwg no.	TWN	
				chr	JOSEPH HSIA 07/25/96	scale	1:1	A3	61555	sheet
				appd	JENN TSAO 07/25/96					6 OF
sheet	revision									
index	sheet									

PRODUCT NO.	SEE TABLE A
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P/N : 61555-2\*\*CAS  
(ABOVE P.C.B./LAYOUT SEE TA-1050)

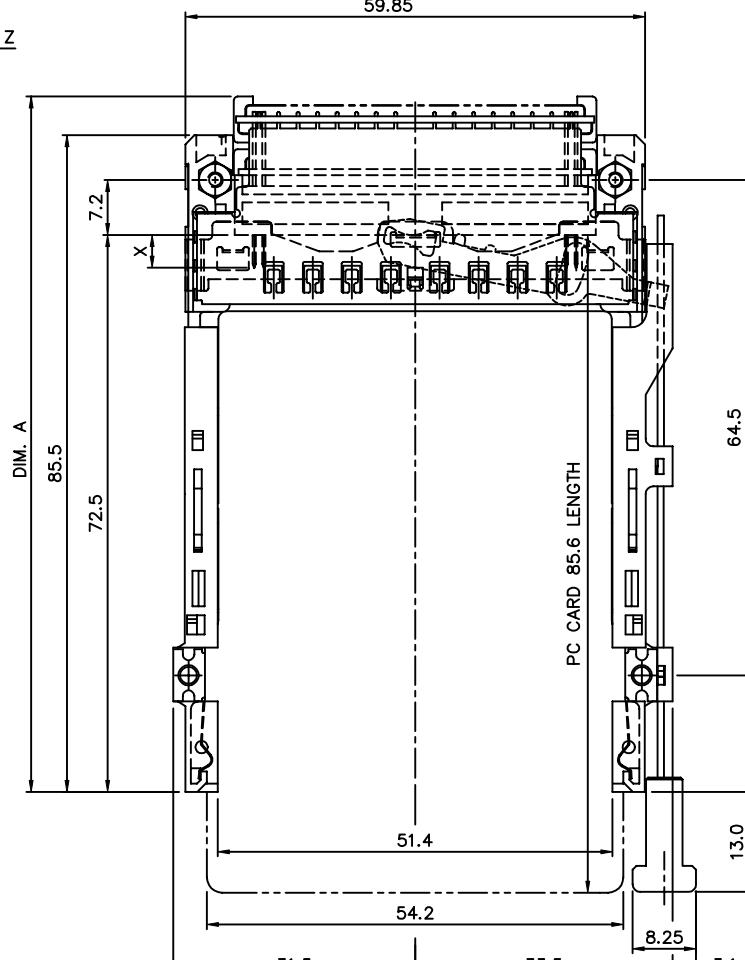
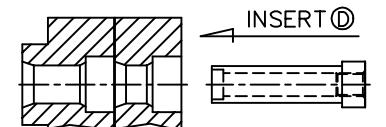


TABLE A

① PRODUCT NO.	STAND-OFF(DIM. L)	DIM. S	DIM. A
61555-250CAS	5.0 mm	-0.3	89.25
-243CAS	4.3 mm	-0.3	89.25
-240CAS	4.0 mm	-0.3	89.25
-222CAS	2.2 mm	1.0	90.55
-220CAS	2.0 mm	1.0	90.55
-206CAS	0.6 mm	5.5	95.05
-200CAS	NONE	5.5	95.05



THREADED INSERT CAN BE  
ASSEMBLED BY BERG OR BY  
CUSTOMER

DETAIL Z

mat'l code		tolerance unless otherwise specified	CUSTOMER COPY	ELECTRONICS	
rev.	ecn no.	dr	date	linear	± 0.30
F					± 2°
				angles	
				dr	WENDY CHEN 06/22/98
				engr	JOSEPH HSIA 06/22/98
				chr	JOSEPH HSIA 06/22/98
				appd	JENN TSAO 06/22/98
				unit	mm/inch
				scale	
				product family	PCMCIA
				size	TWN
				dwg no.	61555
				sheet	7 of 7
sheet	revision				
index	sheet				

PRODUCT NO.	
SEE TABLE A	

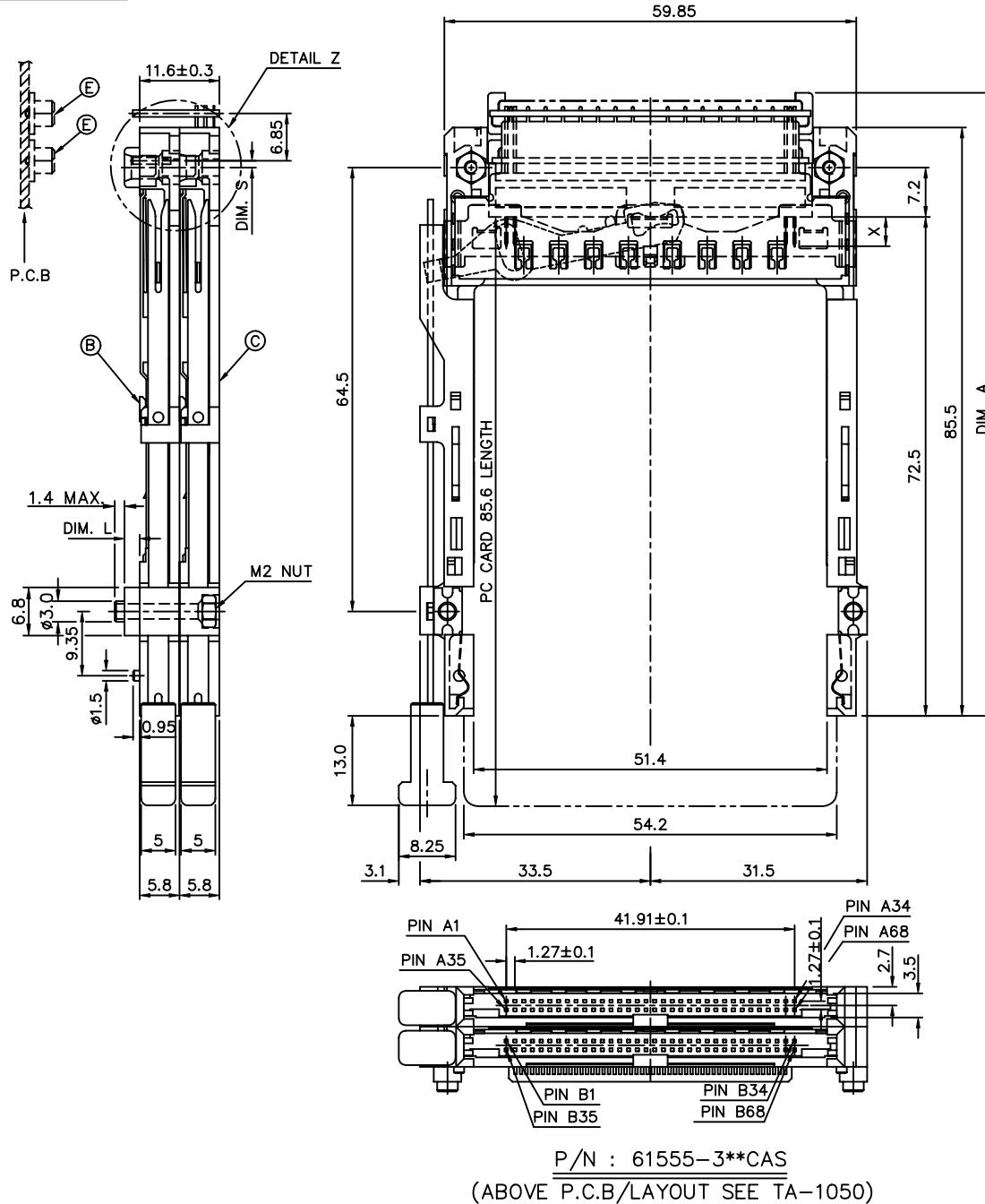
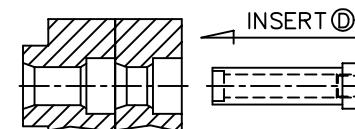


TABLE A

PRODUCT NO.	STAND-OFF(DIM. L)	DIM. S	DIM. A
61555-350CAS	5.0 mm	-0.3	89.25
-343CAS	4.3 mm	-0.3	89.25
-340CAS	4.0 mm	-0.3	89.25
-322CAS	2.2 mm	1.0	90.55
-320CAS	2.0 mm	1.0	90.55
-300CAS	NONE	5.5	95.05



THREADED INSERT CAN BE  
ASSEMBLED BY BERG OR BY  
CUSTOMER

DETAIL Z

mat'l code		tolerance unless otherwise specified	CUSTOMER COPY	ELECTRONICS	
rev.	ecn no.	dr.	date	linear	
F				± 0.30	projection
				angles	± 2°
				dr.	WENDY CHEN 06/22/98
				engr.	JOSEPH HSIA 06/22/98
				chr.	JOSEPH HSIA 06/22/98
				appd.	JENN TSAO 06/22/98
sheet	revision			unit	mm/inch
index	sheet			scale	
				product family	PCMCIA
				code	TWN
				size	dwg no.
				A3	61555
				sheet	8 of

## PART NUMBER DESCRIPTION :

61555-□ □ □ □ □ □

CARDBUS TYPE  
S: FORCE-SAVING

BUTTON COLOR  
A : BLACK

C : 13.0 mm

STAND-OFF

00 : 0.0 mm  
06 : 0.6 mm  
20 : 2.0 mm  
22 : 2.2 mm  
40 : 4.0 mm  
43 : 4.3 mm  
50 : 5.0 mm

PUSH ROD

TOP MOUNT	BOTTOM MOUNT
0 : RIGHT-LEFT	5 : RIGHT-LEFT
1 : LEFT-RIGHT	6 : LEFT-RIGHT
2 : RIGHT-RIGHT	7 : RIGHT-RIGHT
3 : LEFT-LEFT	8 : LEFT-LEFT

## NOTES:

1 8.0mm MIN CARD EJECT.

2 EJECT TRAVEL: 9.50mm

## 3 MATERIAL:

## 3.1 EJECT HEADER ASS'Y

PLASTIC HOUSING: LCP UL94V-0 BLACK  
PIN: PHOSPHOR BRONZE  
PCB: FR4

PLASTIC GUIDE: POLYPHTHARAMID UL94V-0 BLACK  
PLATE: STAINLESS  
EMI CONTACT: PHOSPHOR BRONZE

## 3.2 RECEPTACLE

PLASTIC: LCP 94V-0 NATURAL  
PIN: BeCu

## 4 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

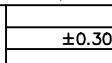
GROUND SHIELD :  
UNDER PLATING: 0.75um MIN. Ni  
CONTACT SURFACE: 0.03um GOLD MIN. OVER  
PdNi 0.5um MIN.(GOLD FLASH DOUBLE SIDES)  
OR, 0.38um GOLD(ONE SIDE ONLY)

5 PUSH ROD LOCATION AND P.C.B. ARE AS  
APPEARS INSTALLED

## 6 DIM "X"

4.25±0.1	3.5±0.1	5.0±0.1
OTHERS	36,67	1,17,34,35,51,68

7 DO NOT TOUCH AND KEEP CLEAN THE SURFACES OF  
PCB OF HEADER ASS'Y.8 P.C.B LAYOUT AND PIN ASSIGNMENT REFERED TO  
PART NUMBER TA-1050.

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY	title
rev.	ecn no.	dr	date	linear	±0.30		
E				angles	± 2°		CARDBUS EJ HEADER SMT, TYPE 1/2/3
				dr	WENDY CHEN 07/25/96	unit	product family PCMCIA
				engr	JOSEPH HSIA 07/25/96	mm/inch	code TWN
				chr	JOSEPH HSIA 07/25/96	scale	size dwg no.
				appd	JENN TSAO 07/25/96	1:1	A3 61555
sheet		revision				sheet	
index		sheet				sheet	
D		D		D		D	