

DESCRIPTION: ABOVE AND BELOW P.C.B., DECK IS AS VIEWED BY USER.

PRODUCT NO. 72306-XXX	STAND-OFF HEIGHT DIM L	Ⓐ CLOSEST TO P.C.B. HEADER ASSY 72305-XXX	Ⓑ FARTEST FROM P.C.B. HEADER ASSY 72305-XXX	Ⓒ MATING RECEPTACLE	MOUNTING STYLE TO PCB
000	0.0	000	005	100 POSITION (2x50) 0.8mm RECEPTACLE PART NO. 73277-101000 ORDER SEPARATELY	
020	2.2	020	025		
040	4.3	040	045		
050	5.0	050	055		
520	2.2	520	525		
540	4.3	540	545		
550	5.0	550	555	100 POSITION (2x50) 0.8mm RECEPTACLE PART NO. 73277-101000LF ORDER SEPARATELY	
000LF	0.0	000LF	005LF		
020LF	2.2	020LF	025LF		
040LF	4.3	040LF	045LF		
050LF	5.0	050LF	055LF		
520LF	2.2	520LF	525LF		
540LF	4.3	540LF	545LF		
550LF	5.0	550LF	555LF		

NOTE:
1. SEE 72305 FOR SINGLE DECK APPLICATIONS

ORDERING INFORMATION

ORDER:

- Ⓐ DECK CLOSEST TO P.C.B.
- Ⓑ DECK FARTEST FROM P.C.B.
- Ⓒ 2 EACH MATING RECEPTACLES

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		 Electronics www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X±.3				projection 	title		
A	V61041	RHG	9/9/96		.XX±.13					CARDBUS DOUBLE DECK		
B	V70392	RHG	6/18/97		.XXX±.051					ASS'Y SMT TYPE 123		
C	V81734	DAI	10/6/98	angles	0° ±2°				 MM scale 1:1	product family MCS		code
D	V02257	TFG	11/3/00	dr	R.GRAPE	9/9/96	size dwg no			-		
E	N05-0165	WB	06/15/06	enrg	D.BRANN	9/9/96	A4 72306			sheet 1 of 1		
				chr	D.BRANN	9/9/96						
				appd	D.BRANN	9/9/96						
sheet index		revision sheet		E	E	E	E	E	E	E		
				1	2	3	4	5	6	7	8	

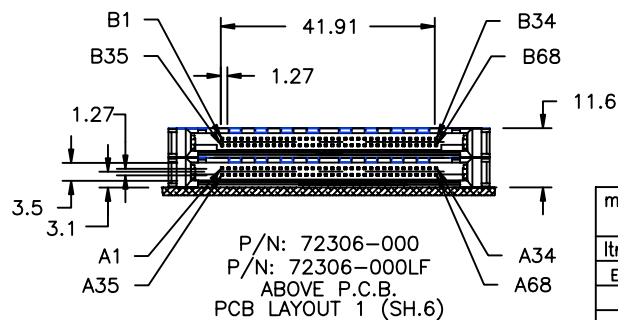
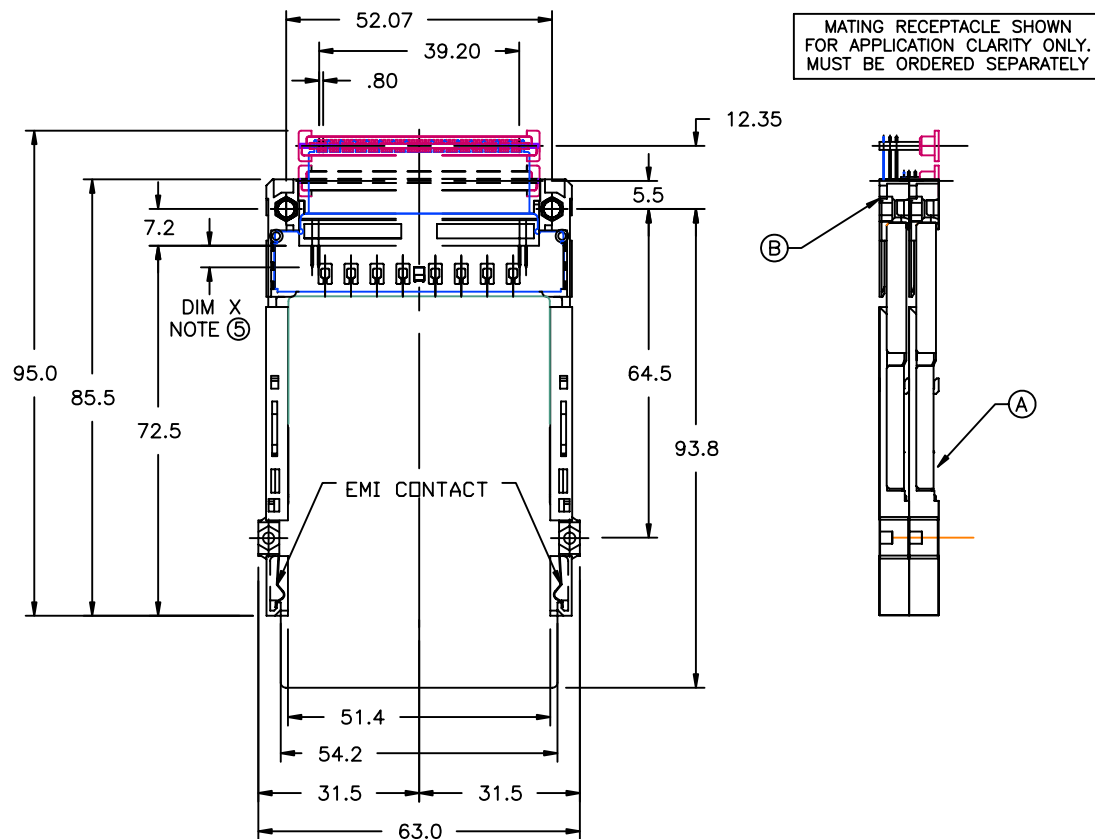
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FCI

B

PRODUCT NUMBER
72306-***/**LF



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ltr	ecr no	dr	date	linear	angular		www.fciconnect.com		
E				.XX±.13	.XXX±.051	projection	title		
				0° ±2'		MM	CARDBUS DOUBLE DECK ASS'Y SMT TYPE 123		
				dr	R.GRAPE	9/9/96	product family		code
				enr	D.BRANN	9/9/96	size		sheet
				chr	D.BRANN	9/9/96	A4		2 of
				appd	D.BRANN	9/9/96	72306		
sheet index	revision sheet								

ACAD

PDM: Rev:E

STATUS: Released
cage code 226
Printed: Feb 06, 2008

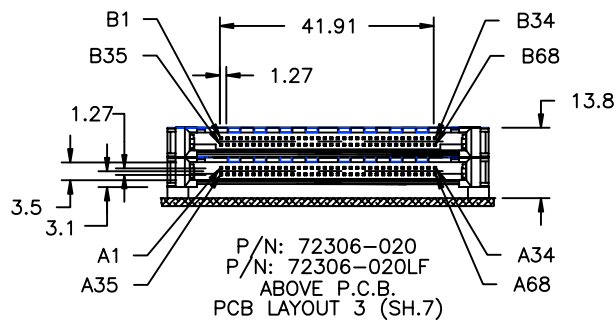
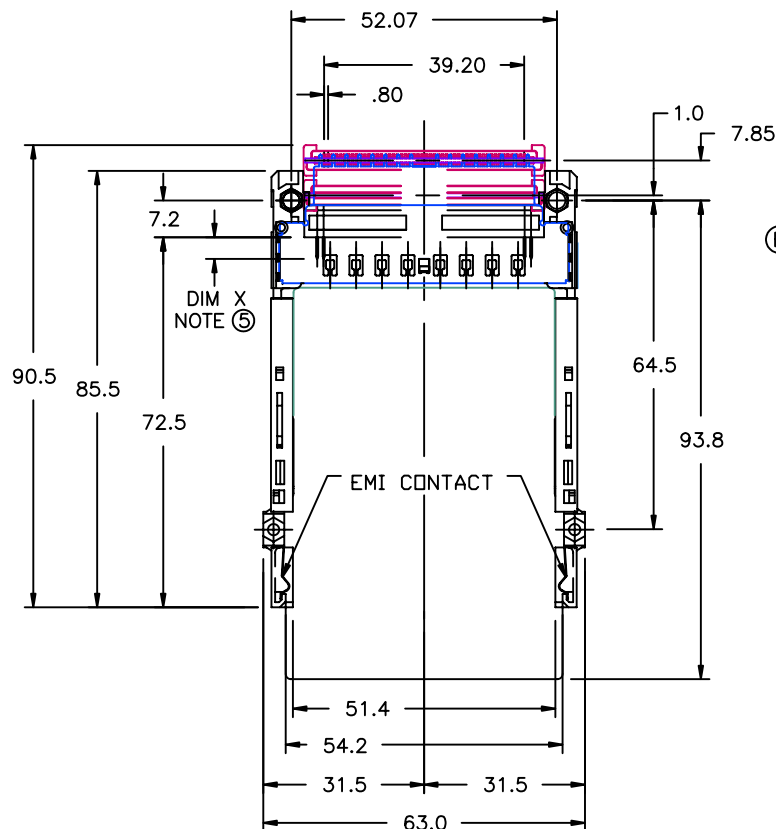
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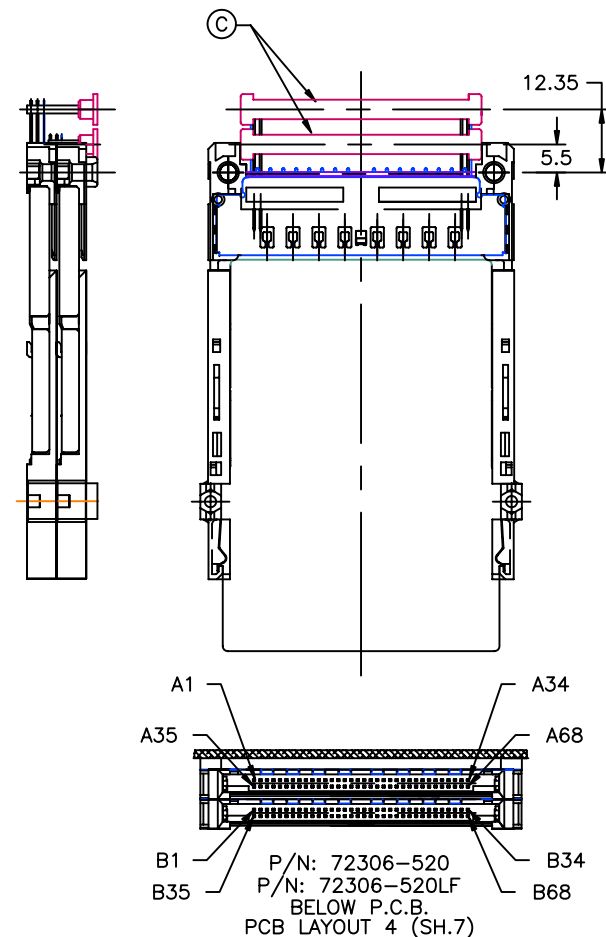
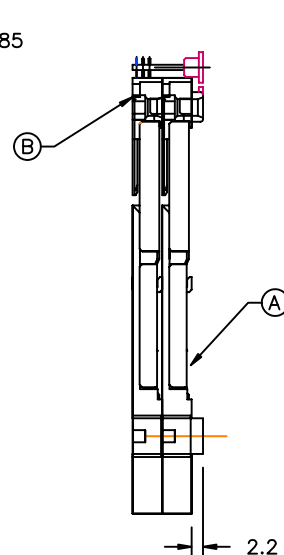
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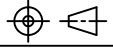
B

PRODUCT NUMBER
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MATING RECEPTACLE SHOWN
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MUST BE ORDERED SEPARATELY



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 Electronics www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X±.3			
E					.XX±.13	projection		
					.XXX±.051			
				angles	0° ±2°		title CARDBUS DOUBLE DECK ASS'Y SMT TYPE 123	
				dr	R.GRAPE 9/9/96			
				enr	D.BRANN 9/9/96	MM	product family MCS code size dwg no	
				chr	D.BRANN 9/9/96	scale		
				appd	D.BRANN 9/9/96	1:1	A4 72306	
sheet index	revision sheet							
							cage code	

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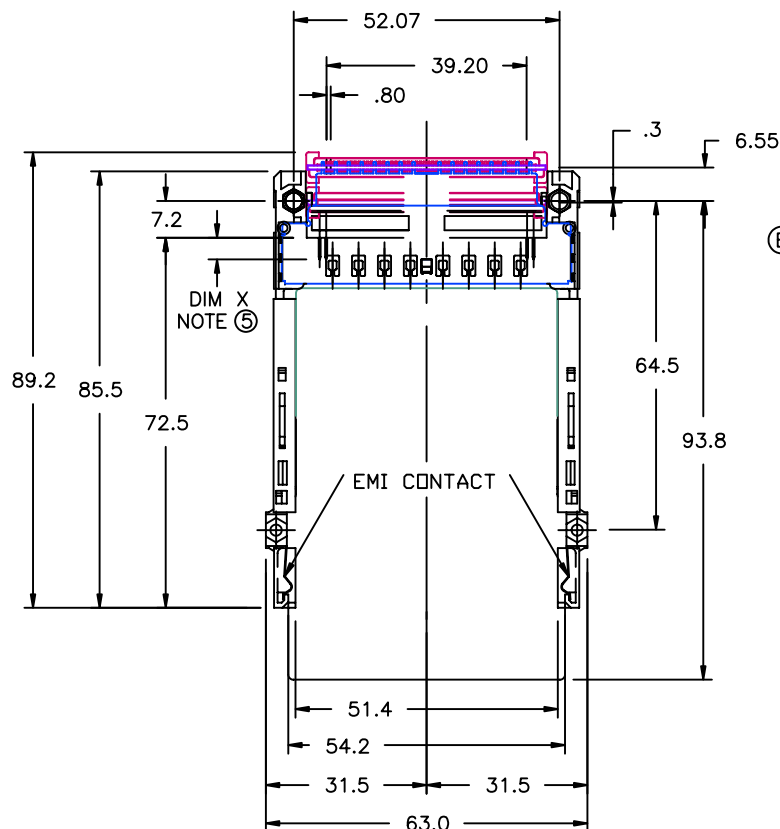
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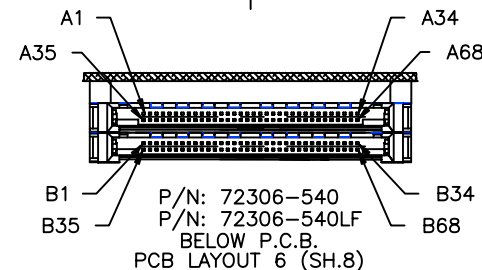
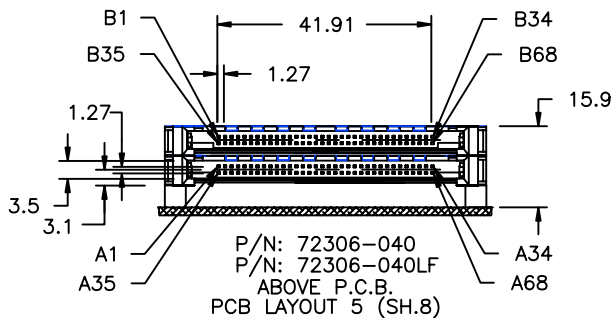
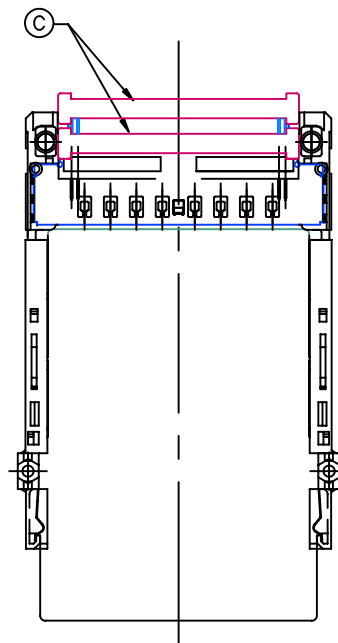
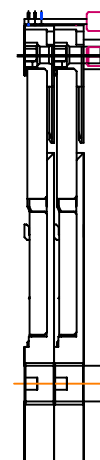
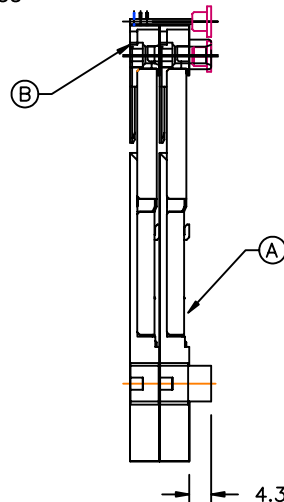
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E					.XX±.13		title		
					.XXX±.051		CARDBUS DOUBLE DECK ASS'Y SMT TYPE 123		
				angles	0° ±2°	projection MM scale 1:1	product family MCS		
				dr	R.GRAPE 9/9/96		size dwg no		
				enr	D.BRANN 9/9/96		A4 72306		
				chr	D.BRANN 9/9/96				
				appd	D.BRANN 9/9/96				
sheet index	revision sheet						cage code		

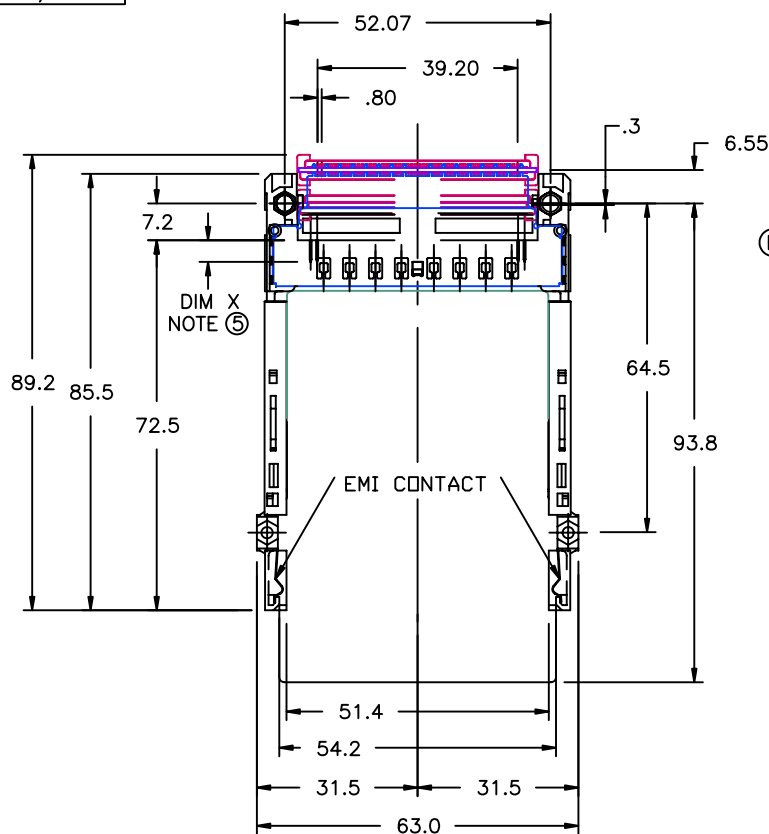
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PDM: Rev:E

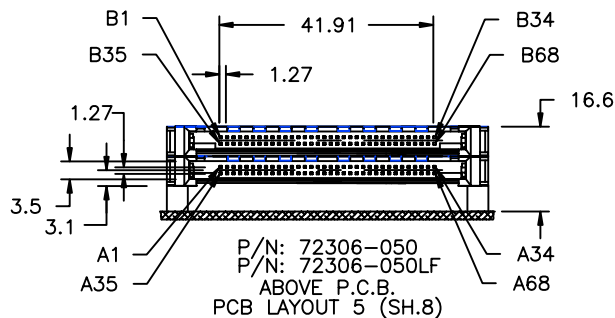
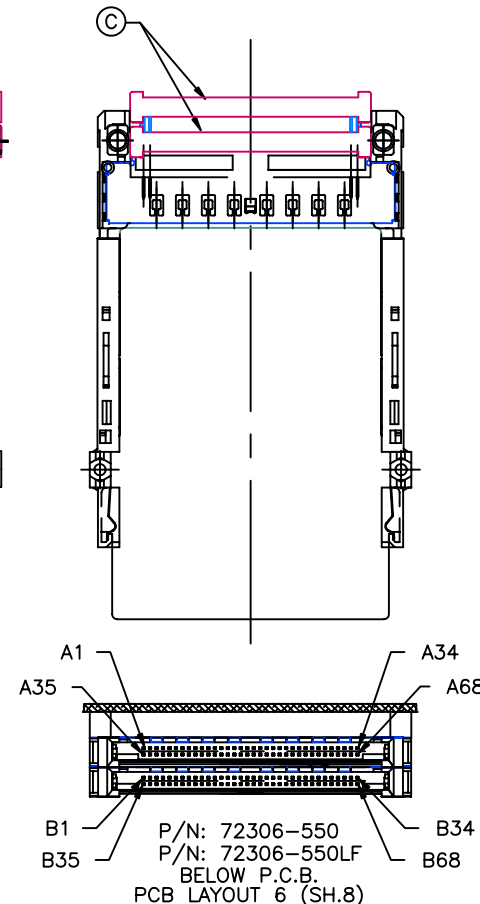
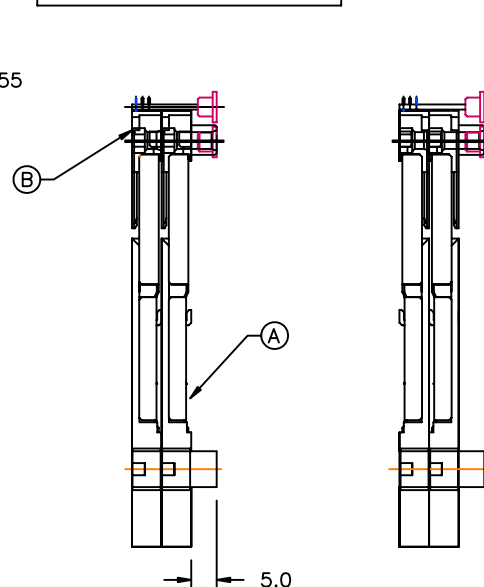
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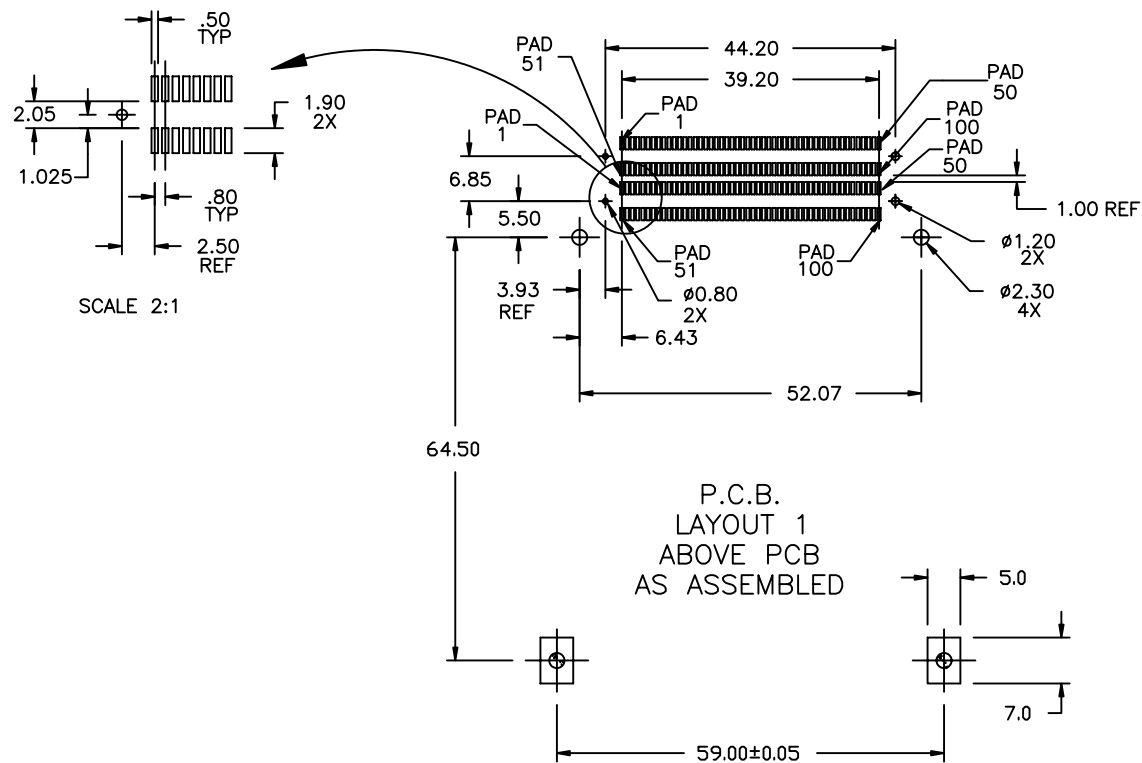


MATING RECEPTACLE SHOWN
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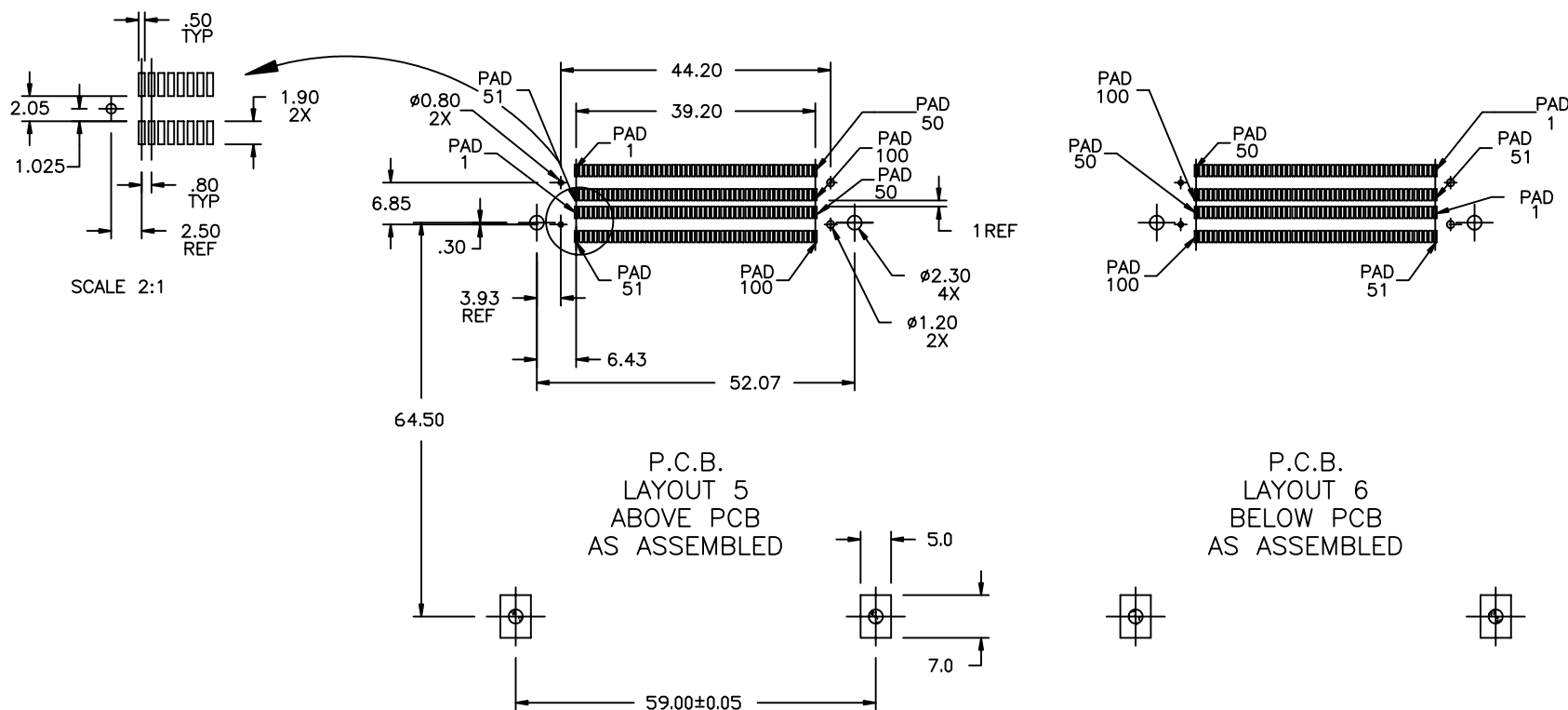
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E					.XX±.13		title		
					.XXX±.051		CARDBUS DOUBLE DECK ASS'Y SMT TYPE 123		
				angles	0° ±2°	projection	product family MCS		
				dr	R.GRAPE 9/9/96	MM	size dwg no		
				enr	D.BRANN 9/9/96		A4 72306		
				chr	D.BRANN 9/9/96		code		
				appd	D.BRANN 9/9/96		sheet 5 of		
sheet index	revision sheet					scale 1:1	cage code		

P.C.B. LAYOUT FOR 0mm STANDOFF



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E					.XX±.13							
					.XXX±.051							
				angles	0° ±2°				 MM scale 1:1	product family MCS		code
				dr	R.GRAPE	9/9/96	size dwg no			—		
				engr	D.BRANN	9/9/96	A4 72306			sheet 6 of		
				chr	D.BRANN	9/9/96						
				appd	D.BRANN	9/9/96						
sheet index	revision sheet											

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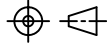
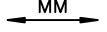
HEADER PINOUT	TYPE	BTB 100 POS RECEPTACLE	HEADER PINOUT	TYPE	BTB 100 POS RECEPTACLE
1	GND	1	35	GND	51
2	SIG	2	36	DET	52
3	SIG	3	37	SIG	53
4	SIG	5	38	SIG	55
5	SIG	6	39	SIG	56
6	SIG	8	40	SIG	58
7	SIG	9	41	SIG	59
8	SIG	11	42	SIG	61
9	SIG	12	43	SIG	62
10	SIG	14	44	SIG	64
11	SIG	15	45	SIG	65
12	SIG	17	46	SIG	67
13	SIG	18	47	SIG	68
14	SIG	20	48	SIG	70
15	SIG	21	49	SIG	71
16	SIG	23	50	SIG	73
17	PWR	24	51	PWR	74
18	SIG	27	52	SIG	77
19	SIG	28	53	SIG	78
20	SIG	30	54	SIG	80
21	SIG	31	55	SIG	81
22	SIG	33	56	SIG	83
23	SIG	34	57	SIG	84
24	SIG	36	58	SIG	86
25	SIG	37	59	SIG	87
26	SIG	39	60	SIG	89
27	SIG	40	61	SIG	90
28	SIG	42	62	SIG	92
29	SIG	43	63	SIG	93
30	SIG	45	64	SIG	95
31	SIG	46	65	SIG	96
32	SIG	48	66	SIG	98
33	SIG	49	67	DET	99
34	GND	50	68	GND	100

SHIELD PINOUT	TYPE	BTB 100 POS RECEPTACLE
1	GND	4 & 54
2	GND	7 & 57
3	GND	10 & 60
4	GND	13 & 63
5	GND	16 & 66
6	GND	19 & 69
7	GND	22 & 72
8	GND	25 & 75
9	GND	26 & 76
10	GND	29 & 79
11	GND	32 & 82
12	GND	35 & 85
13	GND	38 & 88
14	GND	41 & 91
15	GND	44 & 94
16	GND	47 & 97

NOTES:

- ORDER MATING RECEPTACLES SEPARATELY.
- RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs).
RECOMMENDED HOLD-DOWN - 2mm SCREWS (95121)
AND HEX NUTS (92869).
- MATERIAL:
 - HEADER ASSY:
PLASTIC HOUSING: LCP UL94V-0 BLACK - ABOVE PCB
LCP UL94V-0 BLACK - BELOW PCB
PIN: PHOSPHOR BRONZE
PCB: FR4
 - MECHANISM ASSY:
PLASTIC GUIDE: POLYPHTHARAMID UL94V-0 BLACK
COVER PLATE: STAINLESS STEEL
EMI CONTACT: PHOSPHOR BRONZE
 - .8 BTB RECEPTACLE (73277-101000):
PLASTIC: LCP 94V-0 BLACK
CONTACT: BeCu
- FINISH (PIN)
UNDER PLATING: 0.5um Ni
CONTACT AREA: 0.1um GOLD OVER
0.5um Pd-Ni
SOLDER TAIL: 2.5um Sn-Pb
2.5um PURE Sn (FOR -***LF)

⑤ DIM "X"	4.25±0.1	3.5±0.1	5.0±0.1
	OTHERS	36,67	1,17,34,35,51,68

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		FCI Electronics www.fciconnect.com								
ltr	ecn no	dr	date	linear	.X±.3			projection 		scale 1:1	A4	72306	title CARDBUS DOUBLE DECK ASS'Y SMT TYPE 123		product family MCS		code -	
E					.XX±.13								size dwg no		sheet 9 of			
					.XXX±.051													
					0' ±2'													
				dr	R.GRAPE	9/9/96												
				enr	D.BRANN	9/9/96												
				chr	D.BRANN	9/9/96												
				appd	D.BRANN	9/9/96												
sheet index		revision sheet																