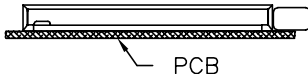


DESCRIPTION: ABOVE PCB, DECK AND PUSH ROD LOCATION ARE AS VIEW BY USER.

PRODUCT NO. 71299-XXXXX	PUSH-ROD LOCATION	STAND-OFF HEIGHT	Ⓐ HEADER ASSY 71249-XXXX OR 61519-XXXX	Ⓑ MECHANISM ASSY 72336-XXXXX	Ⓒ MATING RECEPTACLE	MOUNTING STYLE TO PCB AND PUSH-ROD SIDE		
000CA	RIGHT	0.0	0000	72336-000CA	100 POSITION (2X50) 0.8mm RECEPTACLE PART NO. 73277-101000 PURCHASE SEPARATELY			
020CA	RIGHT	2.2	0022	72336-022CA				
040CA	RIGHT	4.3	0043	72336-043CA				
050CA	RIGHT	5.0	0050	72336-050CA				
050FA ②	RIGHT	5.0	0050	72336-050FA				
100CA	LEFT	0.0	0000	72336-100CA				
120CA	LEFT	2.2	0022	72336-122CA				
140CA	LEFT	4.3	0043	72336-143CA				
150CA	LEFT	5.0	0050	72336-150CA				
005CA	RIGHT	0.0	0500	72336-000CA				
025CA	RIGHT	0.0	0522	72336-000CA				
045CA	RIGHT	0.0	0543	72336-000CA				
055CA	RIGHT	0.0	0550	72336-000CA				
105CA	LEFT	0.0	0500	72336-100CA				
125CA	LEFT	0.0	0522	72336-100CA				
145CA	LEFT	0.0	0543	72336-100CA				
155CA	LEFT	0.0	0550	72336-100CA				

ORDERING INFORMATION

ORDER:

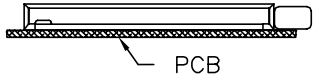
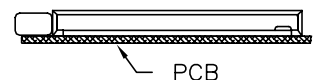
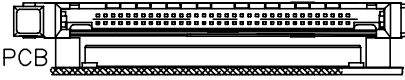
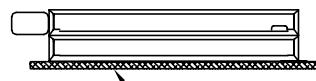
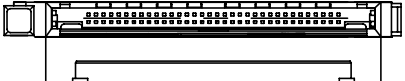
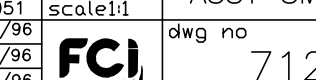
1. EJECT HEADER ASSY (71299-XXXXX/XXXXLF)
2. MATING RECEPTACLE (73277-101000/101402LF)

NOTE:

1. SEE 71240 FOR DOUBLE-DECK APPLICATIONS.
2. PUSH BUTTON LENGTH IS 21mm FOR 71299-050FA & 71299-050FALF(LEAD-FREE TYPE)

mat'l. code				surface			tolerance			projection			product family			
				ISO 1302			ISO 406 ISO 1101									
ltr ecn no dr date				tolerances unless otherwise specified									title			
L V20120 RGD 1/18/02				angles linear			.X±.3			 MM			CARDBUS SINGLE DECK ASSY SMT TYPE 123			
M V03-0552 WL 05/29/03							.XX±.13									
N T04-0316 WL 07/12/04							.XXX±.051									
P N05-0034 WB 02/16/05				dr		R.GRAPE		7/3/96					dwg no		sheet 1 of 1 size	
R N08-0060 MZ 06/20/08				engr		D.BRANN		7/3/96					71299		A4	
S BX-N-011405 ZK 04/14/12				chr		D.BRANN		7/3/96								
				appd		D.BRANN		7/3/96					type CUSTOMER		Drawing	
sheet		revision		S	S	S	S	S	S	S	S	S	S	S		
index		sheet		1	2	3	4	5	6	7	8	9	10	11		

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

PRODUCT NO. 71299-XXXX	PUSH-ROD LOCATION	STAND-OFF HEIGHT	① HEADER ASSY 71249-XXXX OR 61519-XXXX	② MECHANISM ASSY 72336-XXXX	③ MATING RECEPTACLE	MOUNTING STYLE TO PCB AND PUSH-ROD SIDE
000CALF	RIGHT	0.0	0000MLF	72336-000CA	100 POSITION (2X50) 0.8mm RECEPTACLE PART NO. 73277-101000 OR 73277-101402LF PURCHASE SEPARATELY	
020CALF	RIGHT	2.2	0022MLF	72336-022CA		
040CALF	RIGHT	4.3	0043MLF	72336-043CA		
050CALF	RIGHT	5.0	0050MLF	72336-050CA		
050FALF ②	RIGHT	5.0	0050MLF	72336-050FA		
100CALF	LEFT	0.0	0000MLF	72336-100CA		
120CALF	LEFT	2.2	0022MLF	72336-122CA		
140CALF	LEFT	4.3	0043MLF	72336-143CA		
150CALF	LEFT	5.0	0050MLF	72336-150CA		
151CALF	LEFT	5.0	0050MLF	72336-151CA		
005CALF	RIGHT	0.0	0500MLF	72336-000CA		
025CALF	RIGHT	0.0	0522MLF	72336-000CA		
045CALF	RIGHT	0.0	0543MLF	72336-000CA		
055CALF	RIGHT	0.0	0550MLF	72336-000CA		
105CALF	LEFT	0.0	0500MLF	72336-100CA		
125CALF	LEFT	0.0	0522MLF	72336-100CA		
145CALF	LEFT	0.0	0543MLF	72336-100CA		
155CALF	LEFT	0.0	0550MLF	72336-100CA		
156CALF	LEFT	0.0	0550MLF	72336-101CA		

ORDERING INFORMATION

ORDER:

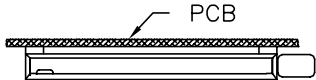
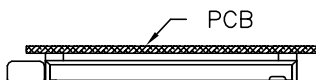
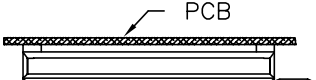
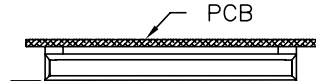
- EJECT HEADER ASSY (71299-XXXXX/XXXXLF)
- MATING RECEPTACLE (73277-101000/101402LF)

NOTE:

- SEE 71240 FOR DOUBLE-DECK APPLICATIONS.
- PUSH BUTTON LENGTH IS 21mm FOR 71299-050FA & 71299-050FALF(LEAD-FREE TYPE)

mat'l. code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection ISO 1101	product family
ltr ecn no dr date	tolerances unless otherwise specified			title
S	angles	linear .XX±.3	MM	CARDBUS SINGLE DECK ASSY SMT TYPE 123
	±2°	.XXX±.051	scale 1:1	
dr	R.GRAPE	7/3/96		dwg no
engr	D.BRANN	7/3/96		sheet 2 of 11
chr	D.BRANN	7/3/96		size A4
appd	D.BRANN	7/3/96		type CUSTOMER Drawing
sheet index	revision sheet			

DESCRIPTION: BELOW PCB, DECK AND PUSH ROD LOCATION ARE AS VIEWED BY USER

PRODUCT NO. 71299-XXXXX	PUSH-ROD LOCATION	STAND-OFF HEIGHT	Ⓐ HEADER ASSY 71249-XXXX	Ⓑ MECHANISM ASSY 72337-XXXX	Ⓒ MATING RECEPTACLE	MOUNTING STYLE TO PCB AND PUSH-ROD SIDE
520CA	RIGHT	2.2	5022	72337-122CA	100 POSITION (2X50) 0.8mm RECEPTACLE PART NO. 73277-101000 73277-101402LF	
540CA	RIGHT	4.3	5043	72337-143CA		
550CA	RIGHT	5.0	5050	72337-150CA		
520CALF	RIGHT	2.2	5022LF	72337-122CA		
540CALF	RIGHT	4.3	5043LF	72337-143CA		
550CALF	RIGHT	5.0	5050LF	72337-150CA		
620CA	LEFT	2.2	5022	72337-022CA		
640CA	LEFT	4.3	5043	72337-043CA		
650CA	LEFT	5.0	5050	72337-050CA		
620CALF	LEFT	2.2	5022LF	72337-022CA		
640CALF	LEFT	4.3	5043LF	72337-043CA		
650CALF	LEFT	5.0	5050LF	72337-050CA		
525CA	RIGHT	0.0	5522	72337-100CA		
545CA	RIGHT	0.0	5543	72337-100CA		
555CA	RIGHT	0.0	5550	72337-100CA		
① 555DA	RIGHT	0.0	5550	72337-100DA		
525CALF	RIGHT	0.0	5522LF	72337-100CA		
545CALF	RIGHT	0.0	5543LF	72337-100CA		
555CALF	RIGHT	0.0	5550LF	72337-100CA		
① 555DALF	RIGHT	0.0	5550LF	72337-100DA		
625CA	LEFT	0.0	5522	72337-000CA		
645CA	LEFT	0.0	5543	72337-000CA		
655CA	LEFT	0.0	5550	72337-000CA		
625CALF	LEFT	0.0	5522LF	72337-000CA		
645CALF	LEFT	0.0	5543LF	72337-000CA		
655CALF	LEFT	0.0	5550LF	72337-000CA		

ORDERING INFORMATION

ORDER:

- EJECT HEADER ASSY (71299-XXXXX/XXXXLF)
- MATING RECEPTACLE (73277-101000/101402LF)

NOTES:

- ① 555DA HAS 15.6mm PUSH BUTTON RETURN LENGTH INSTEAD OF 13.0mm.
- BELOW P.C.B., 0.0mm STAND-OFF IS NOT AVAILABLE.

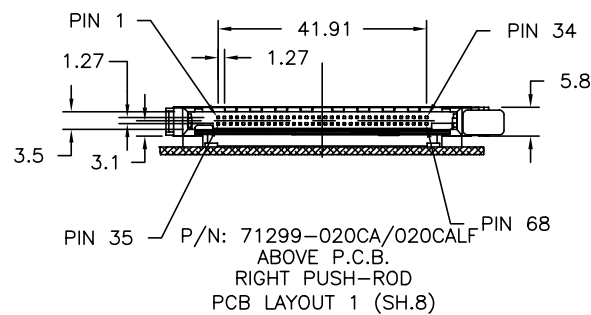
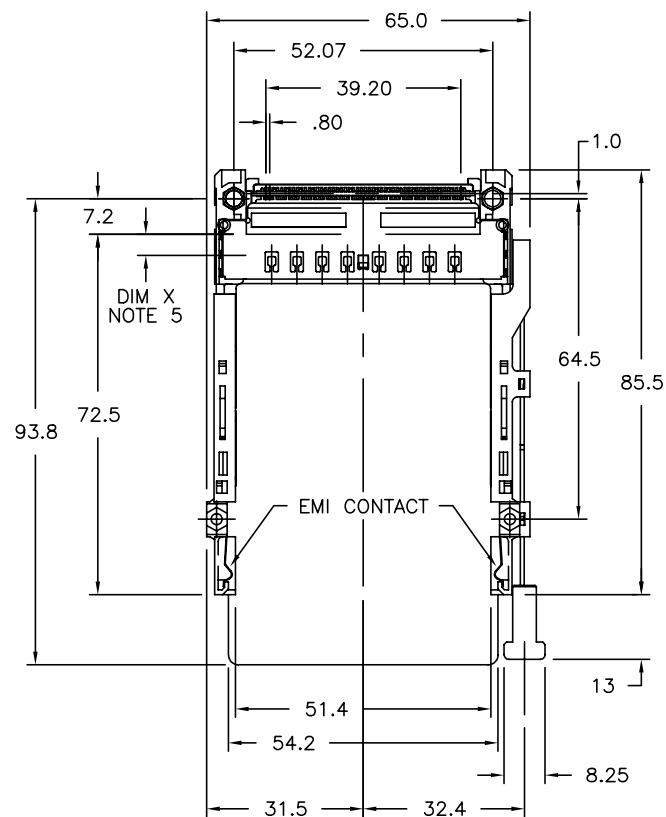
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ltr ecn no dr date		tolerances unless otherwise specified		linear .XX±.13		MM		title	
S		angles ±2°		.X±.3		scale 1:1		CARDBUS SINGLE DECK ASSY SMT TYPE 123	
		dr		R.GRAPE 7/3/96				dwg no sheet 3 of 1 size	
		engr		D.BRANN 7/3/96				71299 A4	
		chr		D.BRANN 7/3/96				type CUSTOMER Drawing	
		appd		D.BRANN 7/3/96					
sheet index		revision sheet							

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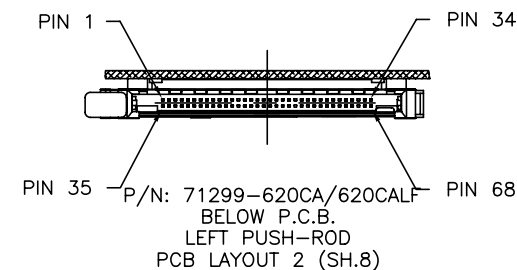
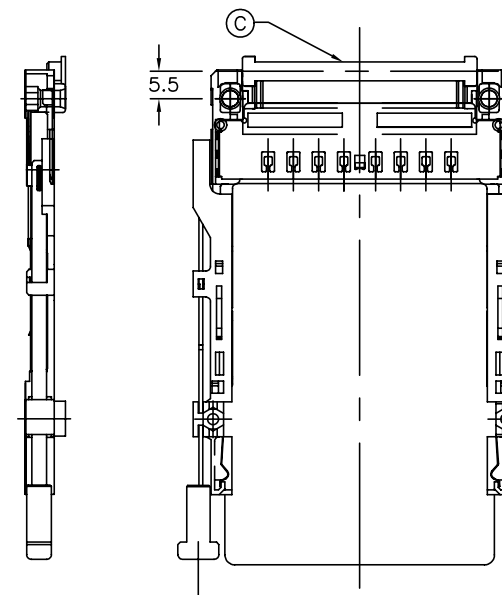
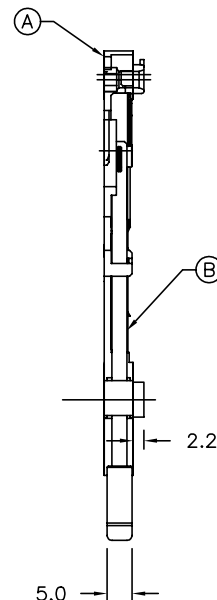
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MATING RECEPTACLE
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CLARITY ONLY
MUST BE PURCHASED
SEPARATELY

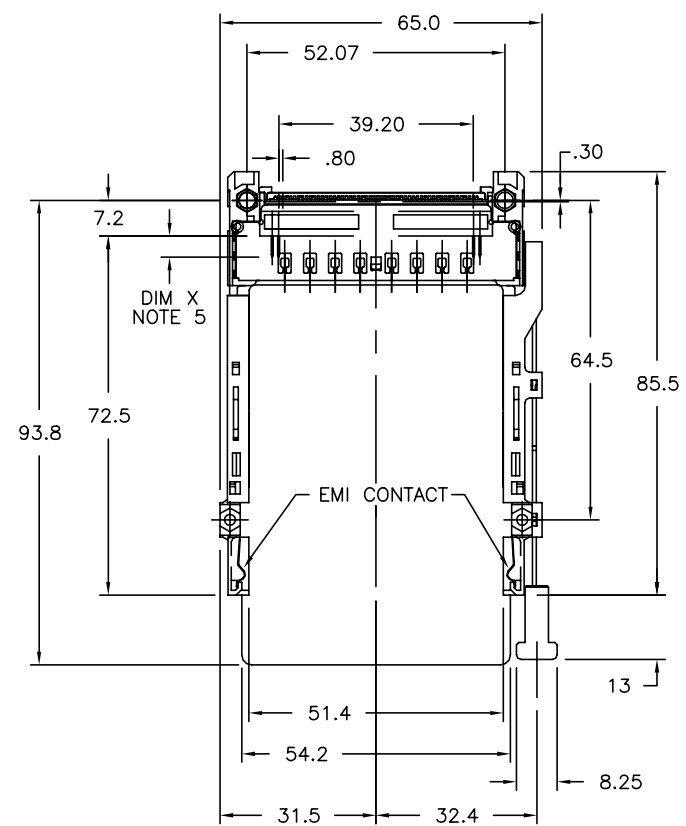


mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1181		projection 		product family				
ltr	ecn no	dr	date	tolerances unless otherwise specified					title					
S				angles		.X±.3				CARDBUS SINGLE DECK				
				linear		.XX±.13				ASSY SMT TYPE 123				
				±2'		.XXX±.051		scale:1:1						
				dr	R.GRAPE	7/3/96				dwg no		sheet 4 of 1	size	
				engr	D.BRANN	7/3/96				71299		A4		
				chr	D.BRANN	7/3/96								
				appd	D.BRANN	7/3/96								
sheet index	revision sheet									type	CUSTOMER	Drawing		

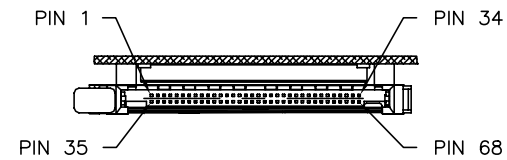
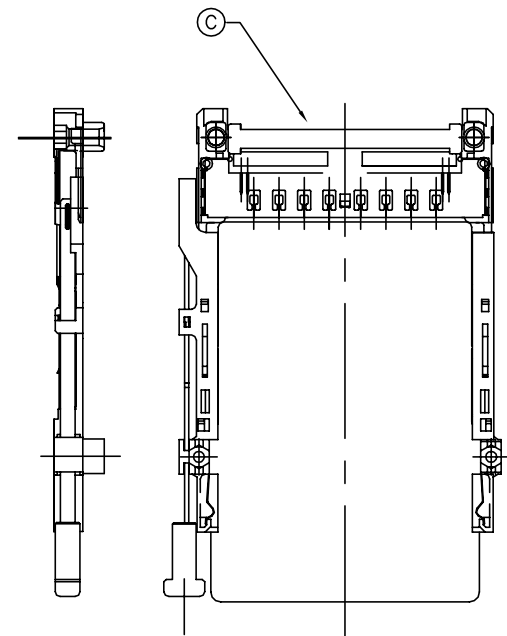
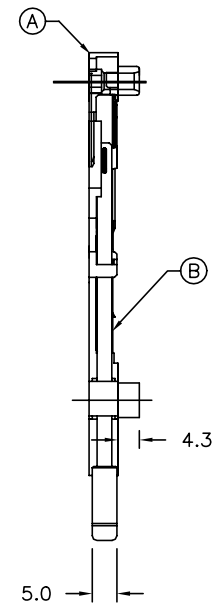
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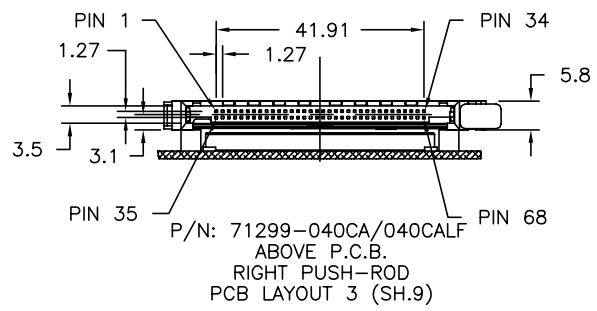
PRODUCT NUMBER
71299-*****/****_LF



MATING RECEPTACLE
SHOWN FOR APPLICATION
CLARITY ONLY
MUST BE PURCHASED
SEPARATELY

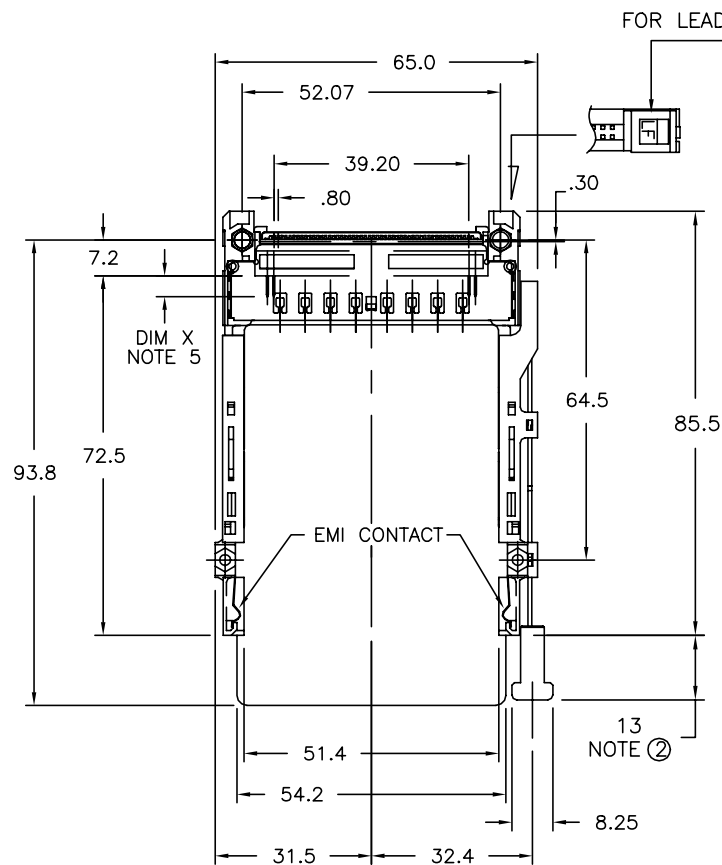


P/N: 71299-640CA/640CALF
BELOW P.C.B.
LEFT PUSH-ROD
PCB LAYOUT 4 (SH.9)

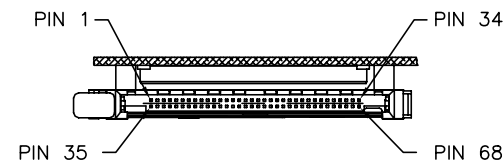
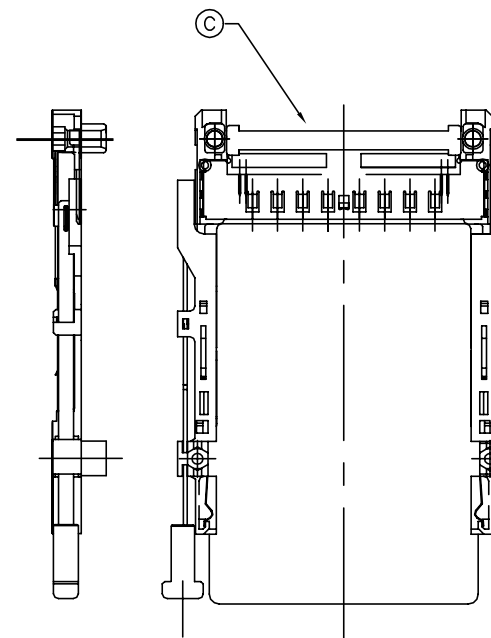
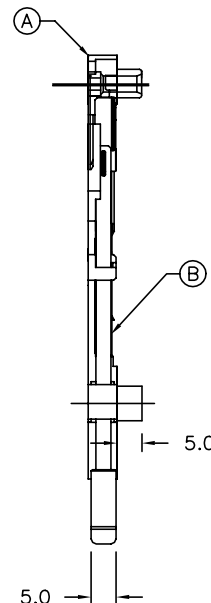


mat'l. code				surface		tolerance		projection		product family																					
				ISO 1302		ISO 406 ISO 1101																									
l		tr		ec		n		o		d		r		date		tolerances unless otherwise specified		title													
S																angles		linear		.X±.3				CARDBUS SINGLE DECK ASSY SMT TYPE 123							
																±2'		.XXX±.051		scale1:1											
																dr		R.GRAPE		7/3/96				dwg no				sheet5 of 1		size	
																en		D.BRANN		7/3/96				71299				A4			
																chr		D.BRANN		7/3/96											
																app		D.BRANN		7/3/96											
sheet		revision																								type		CUSTOMER		Drawing	
Index		sheet																													

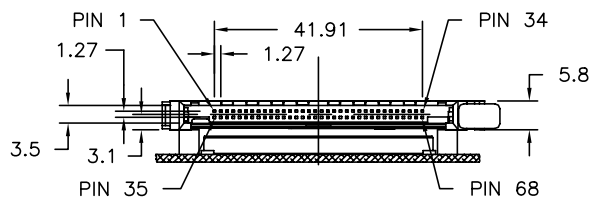
PRODUCT NUMBER
71299-****/****LF



MATING RECEPTACLE
SHOWN FOR APPLICATION
CLARITY ONLY
MUST BE PURCHASED
SEPARATELY



P/N: 71299-650CA
BELOW P.C.B.
LEFT PUSH-ROD
PCB LAYOUT 4 (SH.9)

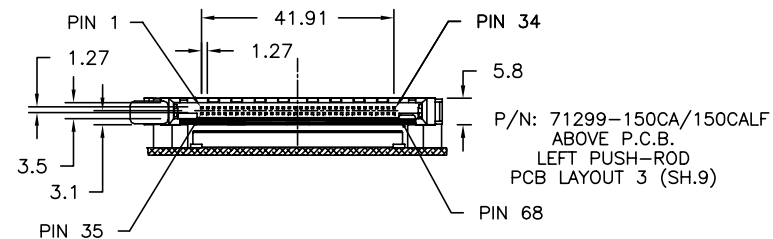
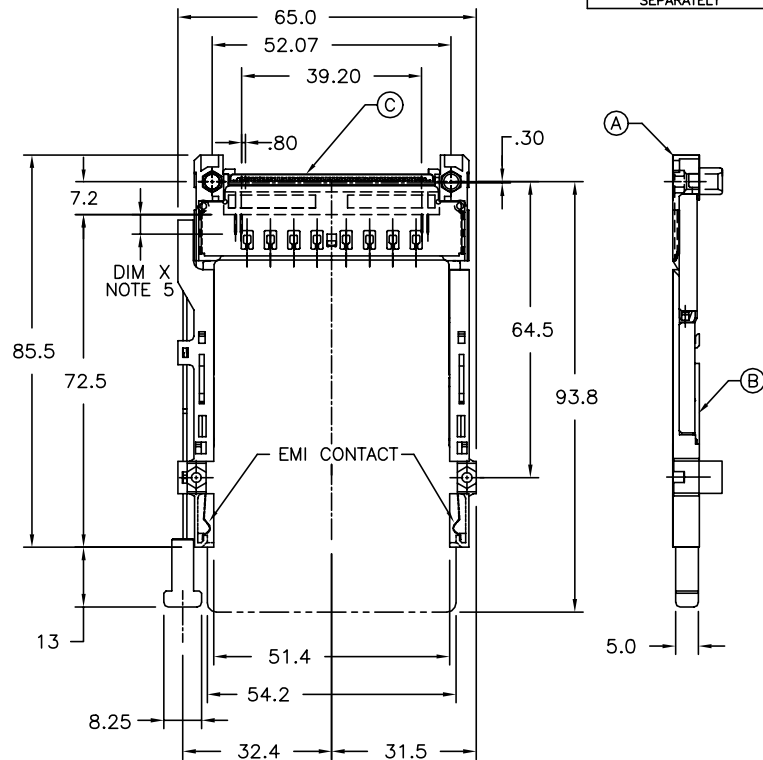
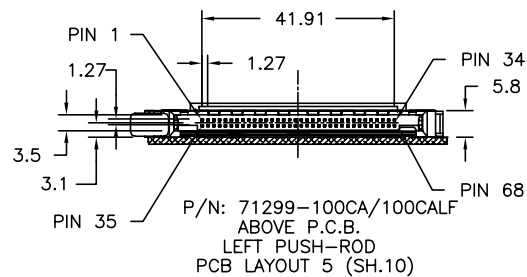
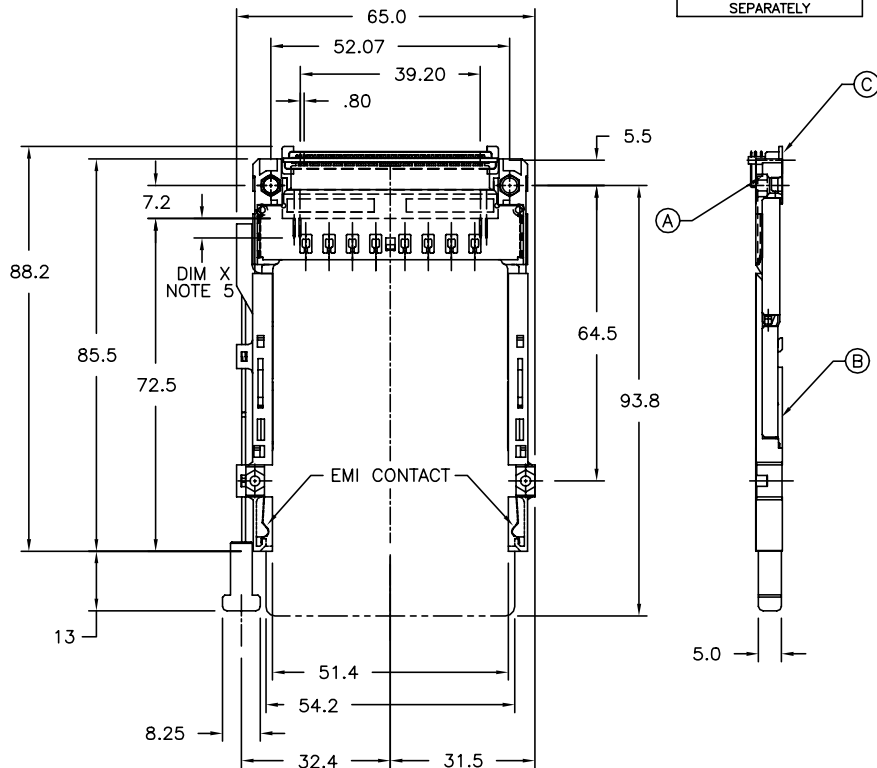


P/N: 71299-050FA/-050FALF
(NOTE ②)

P/N: 71299-050CA/-050CALF
ABOVE P.C.B.
RIGHT PUSH-ROD
PCB LAYOUT 3 (SH.9)

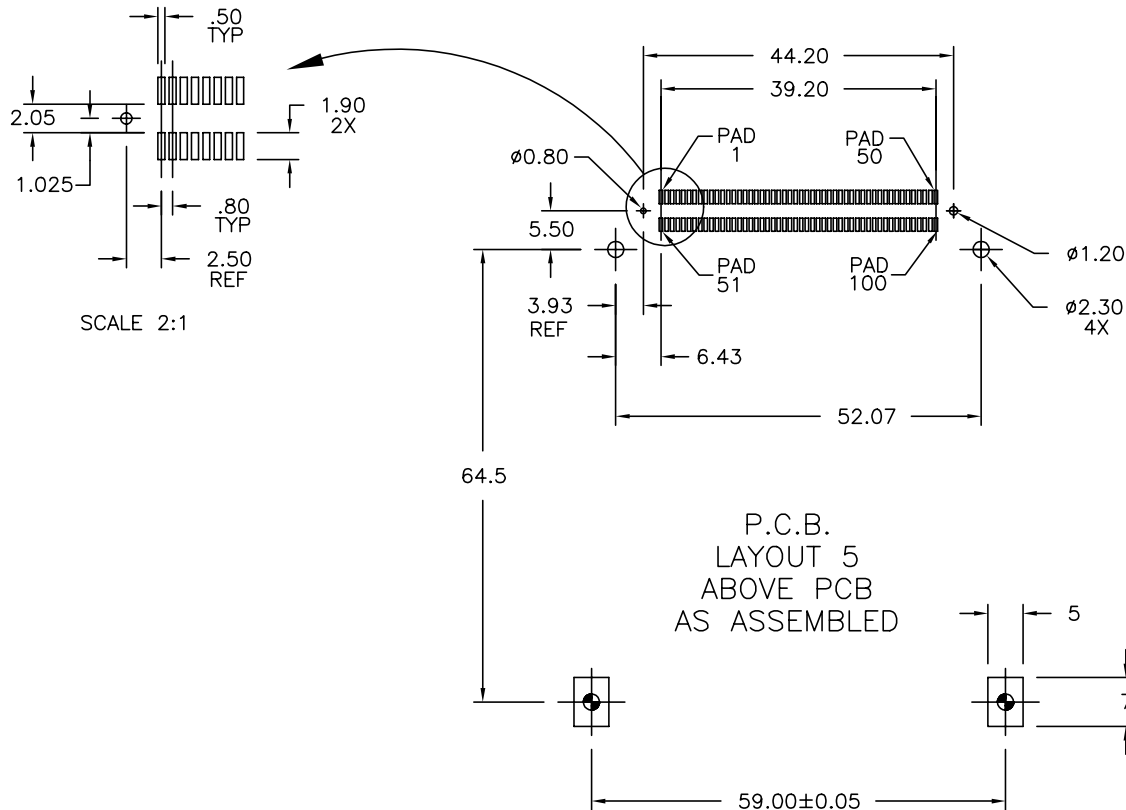
mat'l. code		surface	tolerance	projection	product family
ISD 1302		ISD 406	ISD 118		
ltr ecn no dr date		tolerances unless otherwise specified			title
S		angles	.X±.3	linear	CARDBUS SINGLE DECK ASSY SMT TYPE 123
			.XX±.13	MM	
		±2"	.XXX±.051	scale 1:1	
		dr	R.GRAPE	7/3/96	dwg no 71299 sheet 6 of 1 size A4
		engr	D.BRANN	7/3/96	
		chr	D.BRANN	7/3/96	
		appd	D.BRANN	7/3/96	type CUSTOMER Drawing
sheet index	revision sheet				

PRODUCT NUMBER
71299-*****/****LF



mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 406	ISO 1101	ISO 1101	
tolerances unless otherwise specified	angles	linear	MM	title
±.3	±.3	±.3	±.3	CARDBUS SINGLE DECK
±.13	±.13	±.13	±.13	ASSY SMT TYPE 123
±.051	±.051	±.051	±.051	dwg no
scale 1:1	scale 1:1	scale 1:1	scale 1:1	sheet 7 of 11
dr	R.GRAPE	7/3/96		size
enr	D.BRANN	7/3/96		A4
chr	D.BRANN	7/3/96		
appd	D.BRANN	7/3/96		
sheet index	revision	sheet		

P.C.B. LAYOUT FOR 0mm STANDOFF

P.C.B.
LAYOUT 5
ABOVE PCB
AS ASSEMBLED

mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 406	ISO 1181	1:1	
ltr	ecn	no	dr	date	tolerances unless otherwise specified
S					linear .XX±.13
					angles ±2°
					linear .XXX±.051
		dr	R.GRAPE	7/3/96	scale 1:1
		enr	D.BRANN	7/3/96	
		chr	D.BRANN	7/3/96	
		app	D.BRANN	7/3/96	
sheet	revision				
index	sheet				

HEADER PINOUT	TYPE	BTB 100 POS RECEPTACLE	HEADER PINOUT	TYPE	BTB 100 POS RECEPTACLE	SHIELD PINOUT	TYPE	BTB 100 POS RECEPTACLE			
1	GND	1	35	GND	51	1	GND	4 & 54			
2	SIG	2	36	DET	52	2	GND	7 & 57			
3	SIG	3	37	SIG	53	3	GND	10 & 60			
4	SIG	5	38	SIG	55	4	GND	13 & 63			
5	SIG	6	39	SIG	56	5	GND	16 & 66			
6	SIG	8	40	SIG	58	6	GND	19 & 69			
7	SIG	9	41	SIG	59	7	GND	22 & 72			
8	SIG	11	42	SIG	61	8	GND	25 & 75			
9	SIG	12	43	SIG	62	9	GND	26 & 76			
10	SIG	14	44	SIG	64	10	GND	29 & 79			
11	SIG	15	45	SIG	65	11	GND	32 & 82			
12	SIG	17	46	SIG	67	12	GND	35 & 85			
13	SIG	18	47	SIG	68	13	GND	38 & 88			
14	SIG	20	48	SIG	70	14	GND	41 & 91			
15	SIG	21	49	SIG	71	15	GND	44 & 94			
16	SIG	23	50	SIG	73	16	GND	47 & 97			
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						

NOTES:

- 8mm MIN CARD EJECT.
- EJECT TRAVEL: 9.5mm
- MATERIAL:
 - HEADER ASSY:
PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK - ABOVE PCB
HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK - BELOW PCB
PIN: PHOSPHOR BRONZE
PCB: FR4
 - EJECT MECHANISM ASSY:
PLASTIC GUIDE: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PLASTIC PUSH-ROD BUTTON: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
COVER PLATE, LINK ARM,
PUSH ROD: STAINLESS STEEL
EMI CONTACT: PHOSPHOR BRONZE
 - .8 BTB RECEPTACLE: 73277-101000
PLASTIC: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
CONTACT: BeCu
- FINISH (PIN)
UNDER PLATING: 0.5um MIN Ni
CONTACT AREA: 0.076 μ m MIN. GOLD

SOLDER TAIL(TIN LEAD OPTION): 2.5umMIN Sn-Pb
SOLDER TAIL(LEAD FREE OPTION): 2.5umMIN PURE TIN
- DIM "X"

4.25 $\pm$ 0.1	3.5 $\pm$ 0.1	5.0 $\pm$ 0.1
OTHERS	36,67	1,17,34,35,51,68
- 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 (92869-001).
- GS-14-920 SPEC. SHOULD BE APPLIED LEAD FREE P/N.
- IF LEAD FREE P/N.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 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
- PRODUCT SPEC:110-263

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406 ISO 1101					
ltr ecn no dr date		tolerances unless otherwise specified		title					
S		angles		linear .XX $\pm$.13		MM		CARDBUS SINGLE DECK	
		linear .XX $\pm$.13		linear .XX $\pm$.13		scale 1:1		ASSY SMT TYPE 123	
		dr		R.GRAPE 7/3/96				dwg no sheet 1 of 1 size	
		engr		D.BRANN 7/3/96				71299 A4	
		chr		D.BRANN 7/3/96				type CUSTOMER Drawing	
		appd		D.BRANN 7/3/96					
sheet index		revision sheet							