

DOUBLE-DECK ASSEMBLY WITH THREADED INSERTS (HEADER) AND CAPTIVE HEX NUTS (MECHANISM)
DESCRIPTION: ABOVE & BELOW PCB, DECK AND PUSH ROD LOCATION ARE AS VIEW BY USER.

PRODUCT NO. 95635-XXXXX	PUSH-ROD LOCATION		STAND-OFF HEIGHT DIM "L"	DIM "P"	A DOUBLE - DECK HEADER 92821-XXX	B CLOSEST TO PCB		C FARTHEST FROM PCB		MOUNTING STYLE TO PCB AND PUSH-ROD SIDE
	DECK CLOSEST TO PCB	DECK FARTHEST FROM PCB				EJECT MECHANISM 88644-XXXX	EJECT MECHANISM 94307-XXXX			
000CA	LEFT	RIGHT	0.0	2.8	92821-000	10CA		00CA		
020CA	LEFT	RIGHT	2.0	2.5	92821-040	12CA		00CA		
050CA	LEFT	RIGHT	5.0	2.8	57956-050	15CA		00CA		
100CA	RIGHT	LEFT	0.0	2.8	92821-000	00CA		10CA		
120CA	RIGHT	LEFT	2.0	2.5	92821-040	02CA		10CA		
150CA	RIGHT	LEFT	5.0	2.8	57956-050	05CA		10CA		
200CA	RIGHT	RIGHT	0.0	2.8	92821-000	00CA		00CA		
220CA	RIGHT	RIGHT	2.0	2.5	92821-040	02CA		00CA		
250CA	RIGHT	RIGHT	5.0	2.8	57956-050	05CA		00CA		
300CA	LEFT	LEFT	0.0	2.8	92821-000	10CA		10CA		
320CA	LEFT	LEFT	2.0	2.5	92821-040	12CA		10CA		
350CA	LEFT	LEFT	5.0	2.8	57956-050	15CA		10CA		
000CALF	LEFT	RIGHT	0.0	2.8	92821-000LF	10CA		00CA		
020CALF	LEFT	RIGHT	2.0	2.5	92821-040LF	12CA		00CA		
050CALF	LEFT	RIGHT	5.0	2.8	57956-050LF	15CA		00CA		
100CALF	RIGHT	LEFT	0.0	2.8	92821-000LF	00CA		10CA		
120CALF	RIGHT	LEFT	2.0	2.5	92821-040LF	02CA		10CA		
150CALF	RIGHT	LEFT	5.0	2.8	57956-050LF	05CA		10CA		
200CALF	RIGHT	RIGHT	0.0	2.8	92821-000LF	00CA		00CA		
220CALF	RIGHT	RIGHT	2.0	2.5	92821-040LF	02CA		00CA		
250CALF	RIGHT	RIGHT	5.0	2.8	57956-050LF	05CA		00CA		
300CALF	LEFT	LEFT	0.0	2.8	92821-000LF	10CA		10CA		
320CALF	LEFT	LEFT	2.0	2.5	92821-040LF	12CA		10CA		
350CALF	LEFT	LEFT	5.0	2.8	57956-050LF	15CA		10CA		

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY	Electronics		
ltr	ecn no	dr	date	linear		angles			projection	title	www.fciconnect.com
D	V61383	RDS	9/16/96		.X±.3		.XX±.13				
E	V11670	RGD	6/6/01				.XXX±.051				
F	V20419	LP	3/25/02	angles		O°	±2°				
G	N05-0052	WB	02/25/05	dr	D.SHEAFFER	9/16/96			MM	product family	MCS
H	N05-0077	WB	03/17/05	engr	D.BRANN	9/16/96				size	dwg no
				chr	D.BRANN	9/16/96				code	
				appd	D.BRANN	9/16/96			scale		
									1:1	A4	95635
sheet		revision		H	H	G	G				
index		sheet		1	2	3	4				

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	DECK CLOSEST TO PCB	DECK FARTHEST FROM PCB				EJECT MECHANISM 88644-XXXXX	EJECT MECHANISM 94307-XXXX		
500CA	RIGHT	LEFT	0.0	2.8	92821-500	10CA	00CA		
520CA	RIGHT	LEFT	2.0	2.5	92821-540	12CA	00CA		
550CA	RIGHT	LEFT	5.0	2.8	57956-550	15CA	00CA		
600CA	LEFT	RIGHT	0.0	2.8	92821-500	00CA	10CA		
620CA	LEFT	RIGHT	2.0	2.5	92821-540	02CA	10CA		
650CA	LEFT	RIGHT	5.0	2.8	57956-550	05CA	10CA		
700CA	RIGHT	RIGHT	0.0	2.8	92821-500	10CA	10CA		
700CP	RIGHT	RIGHT	0.0	2.8	92821-500	10CP	10CP		
720CA	RIGHT	RIGHT	2.0	2.5	92821-540	12CA	10CA		
750CA	RIGHT	RIGHT	5.0	2.8	57956-550	15CA	10CA		
800CA	LEFT	LEFT	0.0	2.8	92821-500	00CA	00CA		
820CA	LEFT	LEFT	2.0	2.5	92821-540	02CA	00CA		
850CA	LEFT	LEFT	5.0	2.8	57956-550	05CA	00CA		
500CALF	RIGHT	LEFT	0.0	2.8	92821-500LF	10CA	00CA		
520CALF	RIGHT	LEFT	2.0	2.5	92821-540LF	12CA	00CA		
550CALF	RIGHT	LEFT	5.0	2.8	57956-550LF	15CA	00CA		
600CALF	LEFT	RIGHT	0.0	2.8	92821-500LF	00CA	10CA		
620CALF	LEFT	RIGHT	2.0	2.5	92821-540LF	02CA	10CA		
650CALF	LEFT	RIGHT	5.0	2.8	57956-550LF	05CA	10CA		
700CALF	RIGHT	RIGHT	0.0	2.8	92821-500LF	10CA	10CA		
700CPLF	RIGHT	RIGHT	0.0	2.8	92821-500LF	10CP	10CP		
720CALF	RIGHT	RIGHT	2.0	2.5	92821-540LF	12CA	10CA		
750CALF	RIGHT	RIGHT	5.0	2.8	57956-550LF	15CA	10CA		
800CALF	LEFT	LEFT	0.0	2.8	92821-500LF	00CA	00CA		
820CALF	LEFT	LEFT	2.0	2.5	92821-540LF	02CA	00CA		
850CALF	LEFT	LEFT	5.0	2.8	57956-550LF	05CA	00CA		

NOTES (CONTINUOUS ON SHEET 3):

1 EJECT FORCE 3.5kg MAX.

2 EJECT TRAVEL - 8.0mm

3 HEADER ASSY

PLASTIC: HOUSING - LCP UL94V-0 BLACK (ABOVE P.C.B.)
- LCP UL94V-0 NATURAL (BELOW P.C.B.)

LOCATOR - G.F. 6/6 NYLON UL94V-0 BLACK

PIN: PHOSPHOR BRONZE

EJECT MECHANISM ASSY

PLASTIC: GUIDE & PUSH ROD

POLYTHARAMIDE UL94V-0 BLACK

COVER PLATE: STAINLESS STEEL

EMI CONTACT: PHOSPHOR BRONZE

4 FINISH - PIN

UNDER PLATING: 0.5µm MIN. Ni
CONTACT AREA: 0.1µm MIN COLD OVER
0.5µm MIN Pd-Ni

SOLDER TAIL(TIN LEAD OPTION): 2.5µm MIN Sn-Pb
SOLDER TAIL(LEAD FREE OPTION): 2.5µm MIN PURE TIN

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	projection	title	Electronics		
ltr	ecn no	dr	date	linear	XX±.13	XX±.051	angles	O° ±2°	product family	MCS	code
G							dr	D.SHEAFFER 9/16/96			
							engr	D.BRANN 9/16/96			
							chr	D.BRANN 9/16/96			
							appd	D.BRANN 9/16/96			
				linear	XX±.13	XX±.051	angles	O° ±2°	product family	MCS	code
				dr	D.SHEAFFER 9/16/96		dr	D.SHEAFFER 9/16/96			
				engr	D.BRANN 9/16/96		engr	D.BRANN 9/16/96			
				chr	D.BRANN 9/16/96		chr	D.BRANN 9/16/96			
				appd	D.BRANN 9/16/96		appd	D.BRANN 9/16/96			
				linear	XX±.13	XX±.051	angles	O° ±2°	product family	MCS	code
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				engr	D.BRANN 9/16/96		engr	D.BRANN 9/16/96			
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				chr	D.BRANN 9/16/96		chr	D.BRANN 9/16/96			
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				engr	D.BRANN 9/16/96		engr	D.BRANN 9/16/96			
				chr	D.BRANN 9/16/96		chr	D.BRANN 9/16/96			
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				engr	D.BRANN 9/16/96		engr	D.BRANN 9/16/96			
				chr	D.BRANN 9/16/96		chr	D.BRANN 9/16/96			
				appd	D.BRANN 9/16/96		appd	D.BRANN 9/16/96			
				linear	XX±.13	XX±.051	angles	O° ±2°	product family	MCS	code
				dr	D.SHEAFFER 9/16/96		dr	D.SHEAFFER 9/16/96			
				engr	D.BRANN 9/16/96		engr	D.BRANN 9/16/96			
				chr	D.BRANN 9/16/96		chr	D.BRANN 9/16/96			
				appd	D.BRANN 9/16/96		appd	D.BRANN 9/16/96			
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				chr	D.BRANN 9/16/96		chr	D.BRANN 9/16/96			
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				engr	D.BRANN 9/16/96		engr	D.BRANN 9/16/96			
				chr	D.BRANN 9/16/96		chr	D.BRANN 9/16/96			
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				engr	D.BRANN 9/16/96		engr	D.BRANN 9/16/96			
				chr	D.BRANN 9/16/96		chr	D.BRANN 9/16/96			
				appd	D.BRANN 9/16/96		appd	D.BRANN 9/16/96			
				linear	XX±.13	XX±.051	angles	O° ±2°	product family	MCS	code
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				engr	D.BRANN 9/16/96		engr	D.BRANN 9/16/96			
				chr	D.BRANN 9/16/96		chr	D.BRANN 9/16/96			
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				engr	D.BRANN 9/16/96		engr	D.BRANN 9/16/96			
				chr	D.BRANN 9/16/96		chr	D.BRANN 9/16/96			
				appd	D.BRANN 9/16/96		appd	D.BRANN 9/16/96			

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PRODUCT NO.
95635-XXXXX/XXXXXL

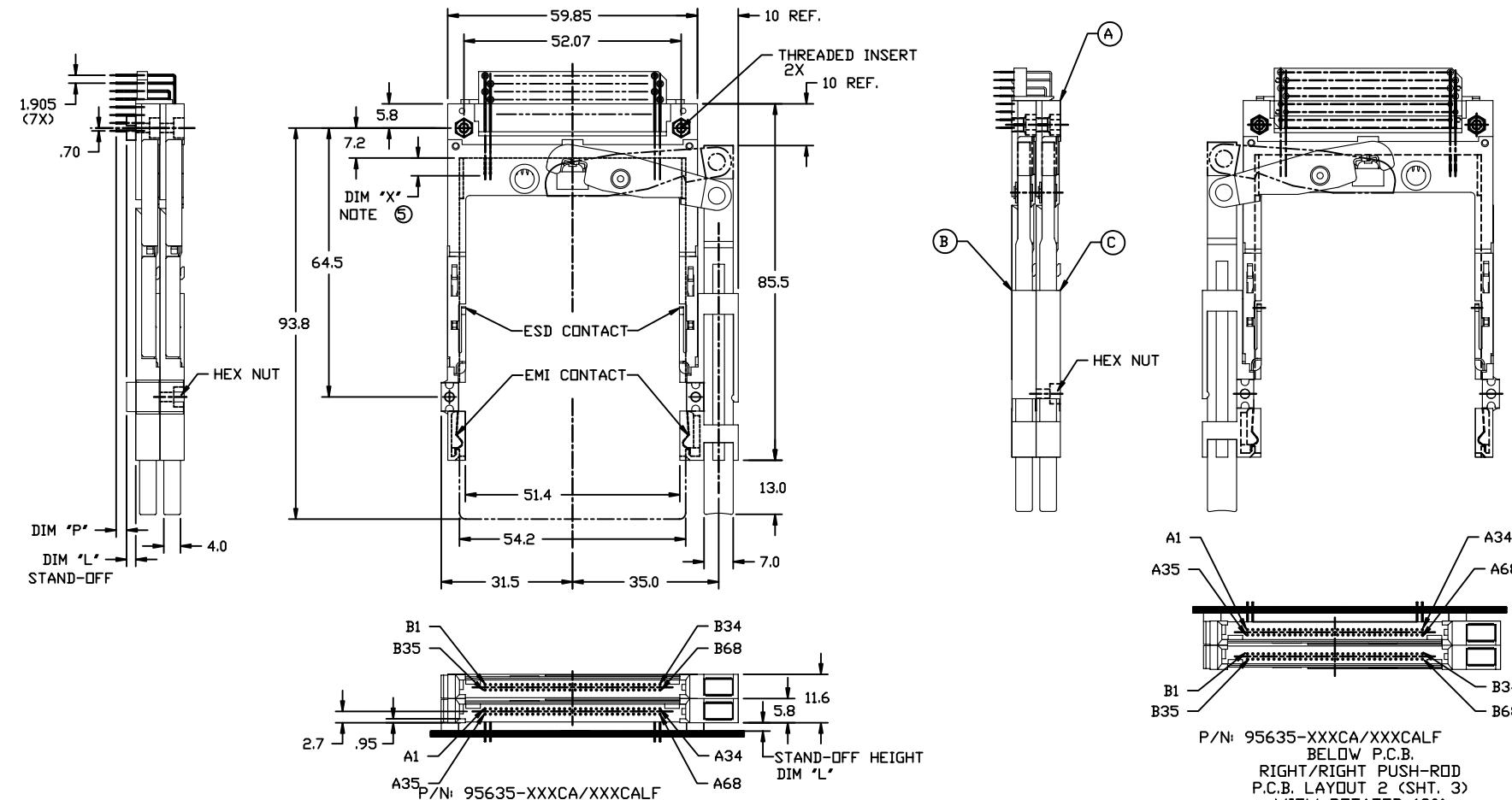
57

NOTES (CONTINUOUS FROM SHEET 2):

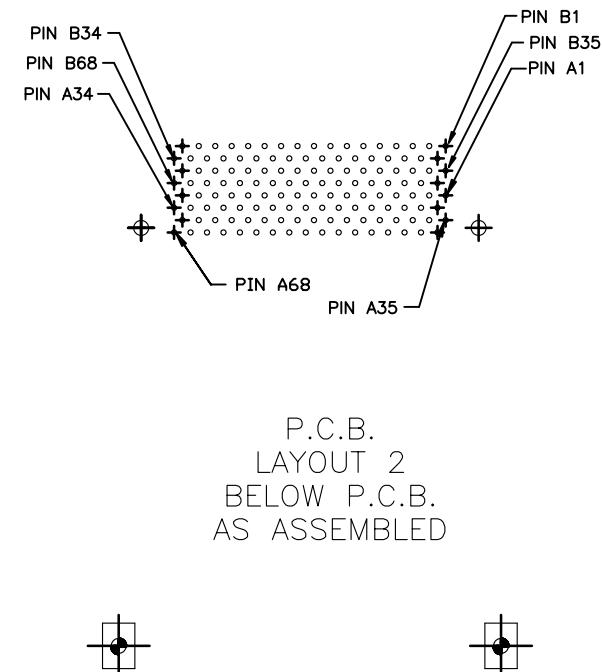
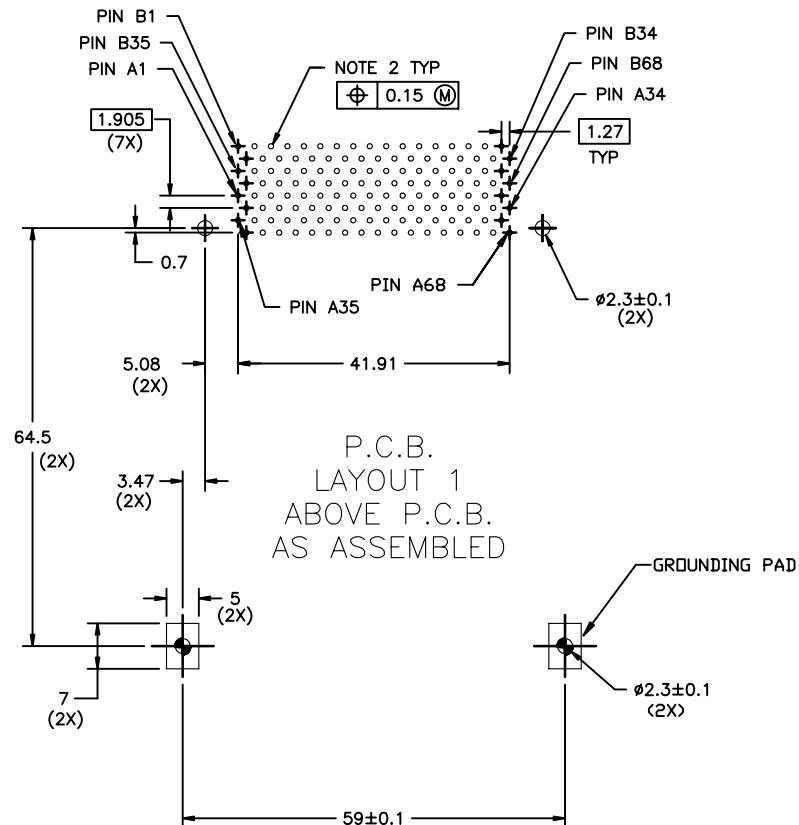
1 DIM "X"

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

- 2 RECOMMENDED HOLD DOWN - 2mm SCREWS (95121)
RECOMMENDED SCREW TORQUE: 1.0 TO
1.5 MAX in-lbs. (1.2-1.7 cm-kgs)
- 3 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 1.0MM MINIMUM THICK CIRCUIT BOARD.
- 4 LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DISCRIMBED IN GS-22-008
- 5 IF LEAD FREE P/N, PACKAGING MEETS GS-14-920 SPECIFICATION



P/N: 95635-XXXCA/XXXCALF
BELOW P.C.B.
RIGHT/RIGHT PUSH-ROD
P.C.B. LAYOUT 2 (SHT. 3)
VIEW ROTATED 180°
PUSH-ROD & DECK ARE
AS VIEWED BY USER



NOTES:

1. ALL TOLERANCES ± 0.15 UNLESS NOTED.
2. RECOMMENDED DIAMETER IS $\phi 1.0$ FOR PROCESSES USING PASTE REFLOW. HOLE MAY BE AS SMALL AS 0.79 .
3. BOARD VIEW FROM CONNECTOR MOUNTED SIDE
TOP OF BOARD IN APPLICATION

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	Electronics	
ltr	ecn no	dr	date	linear	angles		projection	title
G				.X±.3	.XX±.13			FCI
					.XXX±.051			www.fciconnect.com
				angles	0° ±2°			
				dr	L.POTTEIGER 3/25/02		product family	MCS
				engr	D.BRANN 3/25/02		size	dwg no
				chr	D.BRANN 3/25/02	scale	A4	95635
				appd	D.BRANN 3/25/02		code	—
							sheet	4 of
sheet	revision							
index	sheet							