



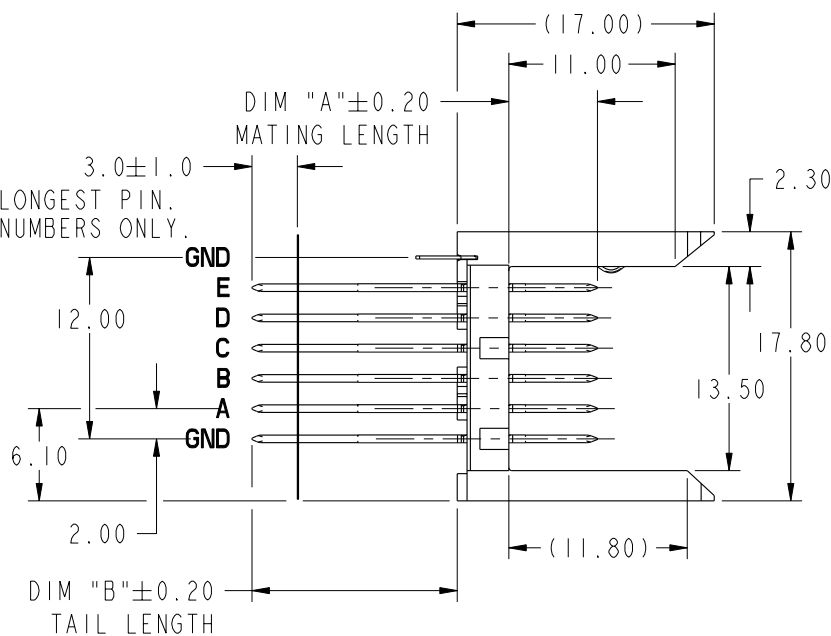
PRODUCT NUMBER
SEE BELOW AND TABLE ON SHEET 2

84817-X YY ZZZ LF
BASE NUMBER
LEAD FREE (OPTIONAL)
SPECIAL LOAD PATTERN
SEE SHEETS 7-9
SIZE, SEE SHEET 2
PLATING PERFORMANCE
LEVEL, SEE SHEET 2

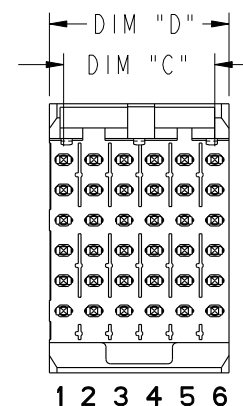
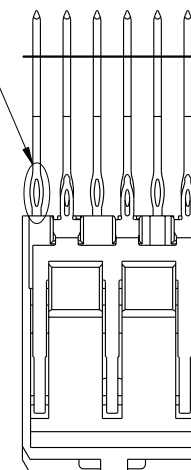
EYE OF NEEDLE
PRESS FIT SECTION
BABY-H
PRESS FIT SECTION

DETAIL A
SCALE 4:1
SEE NOTE 17

PIN ALIGNER, FROM LONGEST PIN.
ON REAR PLUG-UP PART NUMBERS ONLY.



SEE DETAIL A



mat'l code SEE NOTE 5				tolerances unless otherwise specified				CUSTOMER		FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ± .1			COPY		title VERTICAL SIGNAL HDR 5 ROW PRESS-FIT, SPECIAL LOAD, STD.			
AC	V06-0569	DCH	2006-06-12		0.XX ± .05			projection					
AD	V07-0047	HTB	2007-01-19		.XXX ± .020								
AE	V07-0166	DCH	2007-03-01	angles	0° ± 2°					product family METRAL 1000 code			
AF	V07-0676	HTB	2007-11-08	dr	K. BELL	2000-03-29		MM		size			
AG	V08-0009	LP	2008-1-23	engr	M. HAHN	2000-03-29		scale		dwg no			
-	-	-	-	chr	M. HAHN	2000-03-29		1:1		A			
AB	V05-0806	VS	2005-09-13	appd	M. HAHN	2000-03-29				84817			
sheet index		revision sheet		AG	AG	AG	AG	AG	AG	cage code			
				1	2	3	4	5	6	22526			

Pro/E

cage code 22526

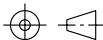
PDM: Rev:AG

STATUS: Released

Printed: May 13, 2011



PRODUCT NO.	PLATING PERFORM- ANCE LEVEL	SHROUD TO USE FOR REAR-PLUG-UP APPLICATIONS	LENGTH DIM D	PIN FIELD DIM C	CONNECTOR SIZE	PRODUCT NO.	PLATING PERFORM- ANCE LEVEL	SHROUD TO USE FOR REAR-PLUG-UP APPLICATIONS	LENGTH DIM D	PIN FIELD DIM C	CONNECTOR SIZE
84817-101ZZZ	TELCORDIA CO	84818-101	11.88	10.00	1 MOD	84817-901ZZZ	TELCORDIA CO	84818-101	11.88	10.00	1 MOD
84817-101ZZZLF		84818-101LF				84817-901ZZZLF		84818-101LF			
84817-102ZZZ		84818-102	23.88	22.00	2 MOD	84817-902ZZZ		84818-102	23.88	22.00	2 MOD
84817-102ZZZLF		84818-102LF				84817-902ZZZLF		84818-102LF			
84817-103ZZZ		84818-103	35.88	34.00	3 MOD	84817-903ZZZ		84818-103	35.88	34.00	3 MOD
84817-103ZZZLF		84818-103LF				84817-903ZZZLF		84818-103LF			
84817-104ZZZ		84818-104	47.88	46.00	4 MOD	84817-904ZZZ		84818-104	47.88	46.00	4 MOD
84817-104ZZZLF		84818-104LF				84817-904ZZZLF		84818-104LF			
84817-301ZZZ	CUSTOMER SPECIAL	84818-301	11.88	10.00	1 MOD						
84817-301ZZZLF		84818-301LF									
84817-302ZZZ		84818-302	23.88	22.00	2 MOD						
84817-302ZZZLF		84818-302LF									
84817-303ZZZ		84818-303	35.88	34.00	3 MOD						
84817-303ZZZLF		84818-303LF									
84817-304ZZZ		84818-304	47.88	46.00	4 MOD						
84817-304ZZZLF		84818-304LF									
84817-501ZZZ	TELCORDIA UE	84818-501	11.88	10.00	1 MOD						
84817-501ZZZLF		84818-501LF									
84817-502ZZZ		84818-502	23.88	22.00	2 MOD						
84817-502ZZZLF		84818-502LF									
84817-503ZZZ		84818-503	35.88	34.00	3 MOD						
84817-503ZZZLF		84818-503LF									
84817-504ZZZ		84818-504	47.88	46.00	4 MOD						
84817-504ZZZLF		84818-504LF									

mat'l code SEE NOTE 5				tolerances unless otherwise specified				CUSTOMER		FCJ www.fcconnect.com											
ltr		ecn no.		dr		date		linear		0.X ±0.1		projection 		product family METRAL 1000		code 213					
AG										0.XX ±0.05											
										.XXX ±.020											
										0° ±2°											
								angles		0° ±2°				scale 1:1		A		84817		sheet 2	
								dr		K. BELL 2000-03-29											
								enrg		M. HAHN 2000-03-29											
								chr		M. HAHN 2000-03-29											
								appd		M. HAHN 2000-03-29											
sheet index		revision sheet																			

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PIN NO.	DIM A MATING LENGTH	DIM B TAIL LENGTH	PCB THICKNESS RANGE ACCOMMODATED BY PIN'S TAIL LENGTH				
			WHEN MATING TO A 73981 OR 84688 SERIES RECEPTACLE		WHEN MATING TO A 52057 SERIES METRAL 4000 RECEPTACLE		
			ROWS A,B,C,D,E	GROUND ROW	ROWS:A,B,DE	ROW C	GROUND ROW
01*	5.00	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
22		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
30		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
05		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
35		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
48		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
40		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
65		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
09		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10
02*	5.75	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
44		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
31		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
06		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
36		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
49		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
25		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
66		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
10		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10
03*	6.50	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
45		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
32		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
07		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
37		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
50		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
41		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
24		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
11		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10

mat'l code SEE NOTE 5				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±.1	projection	COPY	title VERTICAL SIGNAL HDR 5 ROW PRESS-FIT, SPECIAL LOAD, STD.	product family METRAL 1000
AG					0.XX ±.05				
					.XXX ±.020				
				angles	0° ±2°	 MM 1:1	code 213	sheet 4	cage code 22526
				dr	K. BELL 2000-03-29				
				enrg	M. HAHN 2000-03-29				
				chr	M. HAHN 2000-03-29	A	84817		
				appd	M. HAHN 2000-03-29				
sheet index	revision sheet								



PIN NO.	DIM A MATING LENGTH	DIM B TAIL LENGTH	PCB THICKNESS RANGE ACCOMMODATED BY PIN LENGTH				
			WHEN MATING TO A 73981 OR 84688 SERIES RECEPTACLE		WHEN MATING TO A 52057 SERIES METRAL 4000 RECEPTACLE		
			ROWS A,B,C,D,E	GROUND ROW	ROWS:A,B,DE	ROW C	GROUND ROW
04*	7.25	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
46		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
33		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
08		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
38		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
51		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
42		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
67		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
12		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10
19*	8.00	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
47		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
34		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
20		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
39		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
52		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
43		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
68		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
21		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10

* STUB PINS - NO REAR PLUG-UP
** THE GREATEST RANGE OCCURS
WHEN THE B DIMENSION OF
PIN 'GND' IS ONE SIZE SHORTER
THEN THE OTHER PINS.

mat'l code SEE NOTE 5				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com		
ltr	ecn no.	dr	date	linear	0.X ±.1		projection 	title VERTICAL SIGNAL HDR 5 ROW PRESS-FIT, SPECIAL LOAD, STD.		
AG					0.XX ±.05					
					.XXX ±.020					
				angles	0° ±2°		MM 1:1	product family METRAL 1000		
				dr	K. BELL	2000-03-29		size	dwg no	code
				enrg	M. HAHN	2000-03-29		A	84817	213
				chr	M. HAHN	2000-03-29				sheet
				appd	M. HAHN	2000-03-29				5
sheet index		revision sheet								

cage code 22526

Pro/E

PDM: Rev:AG

STATUS: Released Printed: May 13, 2011

5.00 MIN-8.00 MAX



SPECIAL LOAD PATTERNS			SPECIAL LOAD PATTERNS		
PRODUCT #	ROW	PIN CODES	PRODUCT #	ROW	PIN CODES
84817-XY001 SEE NOTE 15 LEAD FREE OPTION	E	01	84817-XY026 *RPU SEE NOTE 15 LEAD FREE OPTION	E	22
	D			D	
	C			C	
	B			B	
	A			A	
	GND			GND	
84817-XY002 *RPU SEE NOTE 15 LEAD FREE OPTION	E	22	84817-XY027 *RPU SEE NOTE 15 LEAD FREE OPTION	E	44
	D			D	
	C			C	
	B			B	
	A			A	
	GND			GND	
84817-XY011 SEE NOTE 15 LEAD FREE OPTION	E	02	84817-XY028 SEE NOTE 15 LEAD FREE OPTION	E	01
	D			D	
	C			C	
	B			B	
	A			A	
	GND			GND	
84817-XY021 SEE NOTE 15 LEAD FREE OPTION	E	02	84817-XY029 SEE NOTE 15 LEAD FREE OPTION	E	02
	D			D	
	C			C	
	B			B	
	A			A	
	GND			GND	
84817-XY022 SEE NOTE 15 LEAD FREE OPTION	E	02	84817-XY030 *RPU SEE NOTE 15 LEAD FREE OPTION	E	06
	D			D	
	C			C	
	B			B	
	A			A	
	GND			GND	
84817-XY023 SEE NOTE 15 LEAD FREE OPTION	E	02	84817-XY031 *RPU SEE NOTE 15 LEAD FREE OPTION	E	25
	D			D	
	C			C	
	B			B	
	A			A	
	GND			GND	
84817-XY024 *RPU SEE NOTE 15 LEAD FREE OPTION	E	06			
	D				
	C				
	B				
	A				
	GND				
84817-XY025 *RPU SEE NOTE 15 LEAD FREE OPTION	E	06			
	D				
	C				
	B				
	A				
	GND				

PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS:
2.95 TO 3.80mm

PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS:
4.00 TO 5.30mm

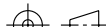
PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS:
*2.30-3.30 TO 5.30mm

PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS:
2.95 TO 3.80mm

PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS:
2.95 TO 3.80mm

PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS:
2.95 TO 3.80mm

PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS:
2.95 TO 3.80mm

mat'l code SEE NOTE 5				tolerances unless otherwise specified			CUSTOMER		FCI www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±.1		projection 	COPY	title VERTICAL SIGNAL HDR 5 ROW PRESS-FIT, SPECIAL LOAD, STD.		
AG					0.XX ±.05						
					.XXX ±.020						
				angles	0° ±2°		 MM scale 1:1	product family METRAL 1000	code 213		
				dr	K. BELL	2000-03-29			size 84817	sheet 6	
				enrg	M. HAHN	2000-03-29					
				chr	M. HAHN	2000-03-29					
				appd	M. HAHN	2000-03-29					
sheet	revision										
index	sheet										

Pro/E

cage code 22526

PDM: Rev:AG

STATUS: Released Printed: May 13, 2011

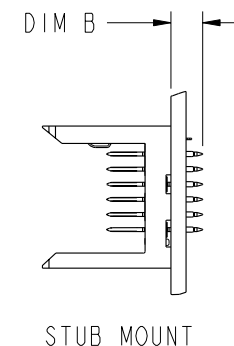
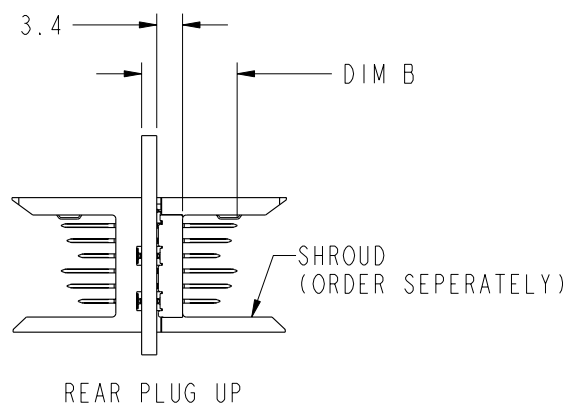


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SPECIAL LOAD PATTERNS		
PRODUCT #	ROW	PIN CODES
84817-XY032 SEE NOTE 15 LEAD FREE OPTION	E	22
	D	
	C	45
	B	
	A	22
	GND	
84817-XY033 *RPU SEE NOTE 15 LEAD FREE OPTION	E	
	D	
	C	06
	B	
	A	
	GND	30
84817-XY034 SEE NOTE 15 LEAD FREE OPTION	E	
	D	
	C	03
	B	
	A	
	GND	02
84817-XY035 SEE NOTE 15 LEAD FREE OPTION	E	
	D	01
	C	
	B	-
	A	
	GND	01
84817-XY036 *RPU SEE NOTE 15 LEAD FREE OPTION	E	
	D	22
	C	
	B	01
	A	
	GND	22
84817-XY037 SEE NOTE 15 LEAD FREE OPTION	E	
	D	
	C	01
	B	
	A	
	GND	02
84817-XY038 *RPU SEE NOTE 15 LEAD FREE OPTION	E	
	D	
	C	49
	B	
	A	
	GND	
84817-XY039 *RPU SEE NOTE 15 LEAD FREE OPTION	E	
	D	
	C	36
	B	
	A	
	GND	06

PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS:
2.95 TO 3.80mm

PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS:
4.80 TO 6.80mm



mat'l code SEE NOTE 5				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com			
ltr	ecr no.	dr	date	linear	0.X ±.1		projection 	title VERTICAL SIGNAL HDR 5 ROW PRESS-FIT, SPECIAL LOAD, STD.			
AG					0.XX ±.05						
					.XXX ±.020						
				angles	0° ±2°		 scale 1:1	product family		METRAL 1000	code
				dr	K. BELL	2000-03-29		size	dwg no	84817	213 sheet 7
				enrg	M. HAHN	2000-03-29					
				chr	M. HAHN	2000-03-29					
				appd	M. HAHN	2000-03-29					
sheet index	revision sheet										

Pro/E

3

cage code 22526

4

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.