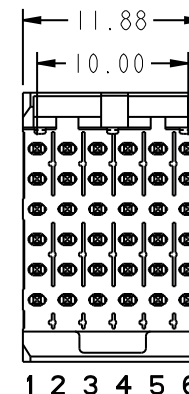
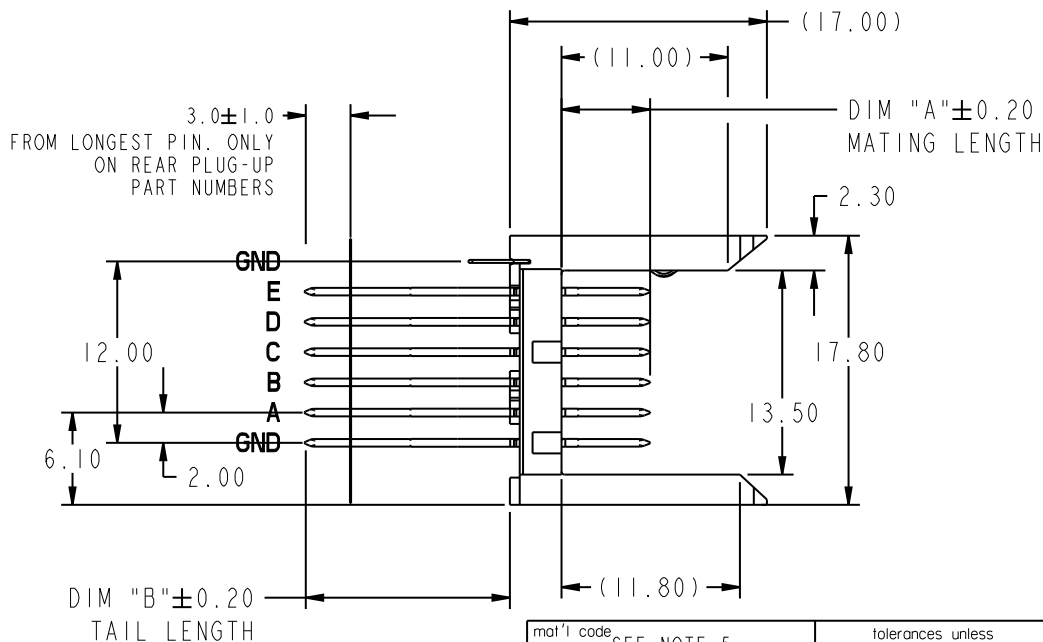
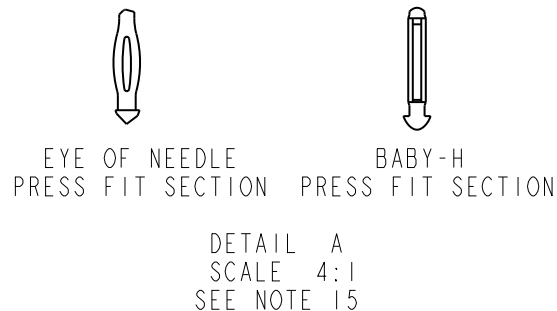




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REV E - 2006-04-10

PRODUCT NO.	PLATING PERFORMANCE LEVEL	FOR REAR PLUG-UP APPLICATIONS USE SHROUD
73983-1ZZZ	TELCORDIA CO	84818-101
73983-1ZZZLF		84818-101LF
73983-2ZZZ	CUSTOMER SPECIAL	84818-301
73983-2ZZZLF		84818-301LF
73983-3ZZZ	CUSTOMER SPECIAL	84818-301
73983-3ZZZLF		84818-301LF
73983-5ZZZ	TELCORDIA UE	84818-501
73983-5ZZZLF		84818-501LF
73983-9ZZZ	TELCORDIA CO	84818-101
73983-9ZZZLF		84818-101LF



mat'l code SEE NOTE 5				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear				COPY	projection		
T	V06-0544	DCH	2006-06-09							title VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SPECIAL LOAD STD.	
U	V07-0165	DCH	2007-03-14								
V	V07-0667	HTB	2007-11-07	angles						product family METRAL 1000 code size dwg no 213 A 73983 sheet 1 of 6	
W	V08-0009	LP	2008-1-23	dr	K. BELL	2000-03-29		MM			
X	109-0254	RKV	2009-11-13	enrg	M. HAHN	2000-03-29				cage code 22526	
R	V04-0398	DAI	2004-05-25	chr	RAJKRISHNAN.V	2009-11-13		scale	1:1		
S	V05-0405	DAI	2005-05-16	appd	BIJU K PAUL	2009-11-13					
sheet index		revision sheet	X 1	X 2	X 3	X 4	X 5	X 6			

Pro/E

PDM: Rev:X

STATUS: Released

Printed: Nov 16, 2011

SEE TABLE



PRESS-FIT HOLES	OPTION 1
HOLE DIAMETER AFTER PLATING	0.65-0.80
DRILLED HOLE	0.81-0.86 (0.85 DRILL)
COPPER PLATING	0.025 MIN
SnPb PLATING	0.005-0.015

(4) FOR LEAD FREE PART NUMBERS, ADD 'LF' SUFFIX. EXAMPLE: 73983-XYYYLF
(5) PIN TYPE IS AT THE MANUFACTURERS OPTION AND CAN BE EITHER BABY-H OR EYE OF THE NEEDLE STYLE

[illegible]

cage code	22526
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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,D&E	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	projection				title VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SPECIAL LOAD STD.
X									
				angles					
				dr	K. BELL	2000-03-29			product family size 73983
				enrg	M. HAHN	2000-03-29			
				chr	RAJKRISHNAN.V	2009-11-13			
				appd	BIJU K PAUL	2009-11-13			
sheet index		revision sheet							

cage code 22526

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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,D&E	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

mat'l code SEE NOTE 5				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	projection		COPY		title VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SPECIAL LOAD STD.
X							MM		
							A		
				angles	scale 1:1		product family METRAL 1000 code 213		sheet 4
				dr	K. BELL	2000-03-29	size		
				enrg	M. HAHN	2000-03-29	dwg no		
				chr	RAJKRISHNAN.V	2009-11-13	73983		
				appd	BIJU K PAUL	2009-11-13			
sheet	revision								
index	sheet								

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Pro/E

3 |

cage code 22526

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SPECIAL LOAD PATTERNS		
PRODUCT #	ROW	PIN CODES
73983-X001 SEE NOTE 14 LEAD FREE OPTION	E	01
	D	
	C	
	B	
	A	
	GND	
73983-X002 *RPU SEE NOTE 14 LEAD FREE OPTION	E	22
	D	
	C	
	B	
	A	
	GND	
73983-X003 *RPU SEE NOTE 14 LEAD FREE OPTION	E	30
	D	
	C	
	B	
	A	
	GND	
73983-X004 *RPU SEE NOTE 14 LEAD FREE OPTION	E	05
	E	
	C	
	B	
	A	
	GND	

* REAR PLUG UP PART NUMBER

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

PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS
3.25 TO 4.55mm

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

SPECIAL LOAD PATTERNS		
PRODUCT #	ROW	PIN CODES
73983-X005 *RPU SEE NOTE 14 LEAD FREE OPTION	E	35
	D	
	C	
	B	
	A	
	GND	
73983-X008 *RPU SEE NOTE 14 LEAD FREE OPTION	E	09
	D	
	C	
	B	
	A	
	GND	
73983-X011 SEE NOTE 14 LEAD FREE OPTION	E	02
	D	
	C	
	B	
	A	
	GND	01
73983-X012 *RPU SEE NOTE 14 LEAD FREE OPTION	E	44
	D	
	C	
	B	
	A	
	GND	22

PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS
4.75 TO 6.05mm

PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS
7.40 TO 8.70mm

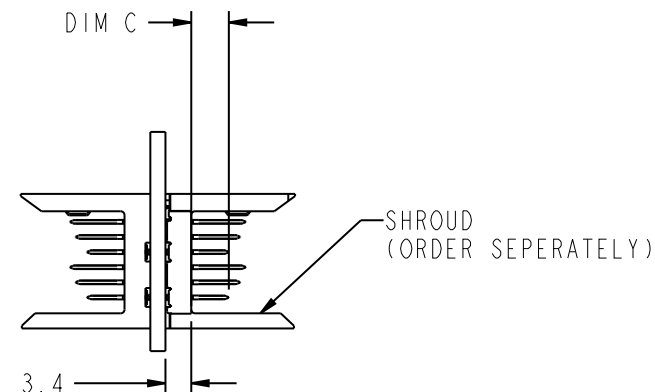
PCB THICKNESS
RANGE FOR REAR
PLUG UP
APPLICATIONS
2.95 TO 3.80mm

mat'l code SEE NOTE 5				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	projection			COPY			
X								MM ←→			
								angles dr K. BELL 2000-03-29 enrg M. HAHN 2000-03-29 chr RAJKRISHNAN.V 2009-11-13 appd BIJU K PAUL 2009-11-13			
sheet index		revision sheet						product family METRAL 1000		code 213	
								size dwg no		73983 sheet 5	
								scale 1:1		A 22526	

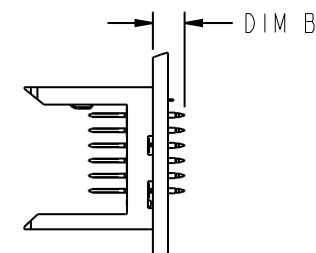


SPECIAL LOAD PATTERNS		
PRODUCT #	ROW	PIN CODES
73983-X021 SEE NOTE 14 LEAD FREE OPTION	E	01
	D	
	C	03
	B	01
	A	
	GND	
73983-X031 SEE NOTE 14 LEAD FREE OPTION	E	03
	D	
	C	
	B	
	A	
	GND	01
73983-X032 ** SEE NOTE 14 LEAD FREE OPTION	E	19
	D	
	C	
	B	
	A	
	GND	01

PRODUCT #	ROW	COLUMN					
		1	2	3	4	5	6
73983-X033 SEE NOTE 14 LEAD FREE OPTION	E	02	02	02	02	02	02
	D	02	02	02	02	02	02
	C	02	02	02	02	01	02
	B	02	02	02	02	02	02
	A	02	02	02	02	02	02
	GND	02	02	02	02	02	02



REAR PLUG-UP



** CANNOT BE MATED TO A METRAL 4000 RECEPTACLE

mat'l code SEE NOTE 5				tolerances unless otherwise specified				CUSTOMER		FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear				COPY	title		
X				angles				projection	VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SPECIAL LOAD STD.		
				dr	K. BELL	2000-03-29		MM	product family	METRAL 1000	code
				enrg	M. HAHN	2000-03-29			size	dwg no	213
				chr	RAJKRISHNAN.V	2009-11-13			A	73983	sheet
				appd	BIJU K PAUL	2009-11-13		scale	1:1		6
sheet index	revision sheet										

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