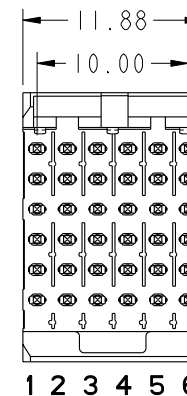
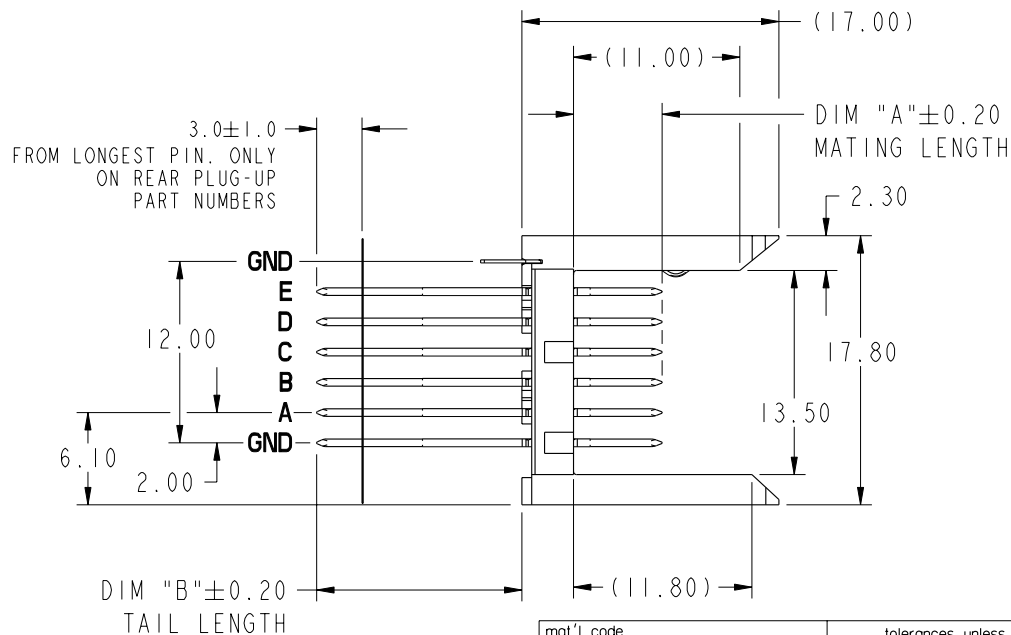
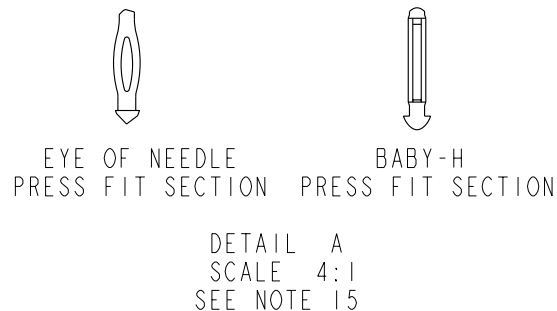




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REV E - 2008-04-18

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				
-	-	-	-	enrg	M. HAHN	2000-03-29				
R	V04-0398	DAI	2004-05-25	chr	M. HAHN	2000-03-29				
S	V05-0405	DAI	2005-05-16	appd	M. HAHN	2000-03-29				
sheet index		revision sheet	W	W	W	W	W	W	cage code 22526	
			1	2	3	4	5	6		

Pro/E

PDM: Rev:W

STATUS:Released

Printed: Dec 16, 2008



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.
W									
				angles					
				dr	K. BELL	2000-03-29	MM		product family
				enrg	M. HAHN	2000-03-29			code
				chr	M. HAHN	2000-03-29	scale		size
				appd	M. HAHN	2000-03-29	1:1		dwg no
sheet index		revision sheet						A	
								73983	
								213	
								3	



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 			title VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SPECIAL LOAD STD.											
W																			
				angles	MM ←→ scale 1:1			product family METRAL 1000 code 213 size dwg no 73983 sheet 4											
				dr	K. BELL	2000-03-29	A												
				enrg	M. HAHN	2000-03-29													
				chr	M. HAHN	2000-03-29													
				appd	M. HAHN	2000-03-29													
sheet index		revision sheet																	



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		FCI www.fciconnect.com			
ltr	ecr no.	dr	date	linear	projection			COPY		title VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SPECIAL LOAD STD.			
W													
				angles				 MM 1:1		product family METRAL 1000 size A		code 213 sheet 5	
			dr	K. BELL	2000-03-29								
			engr	M. HAHN	2000-03-29								
			chr	M. HAHN	2000-03-29								
			appd	M. HAHN	2000-03-29								
sheet index		revision sheet											

Pro/E

cage code 22526

PDM: Rev:W

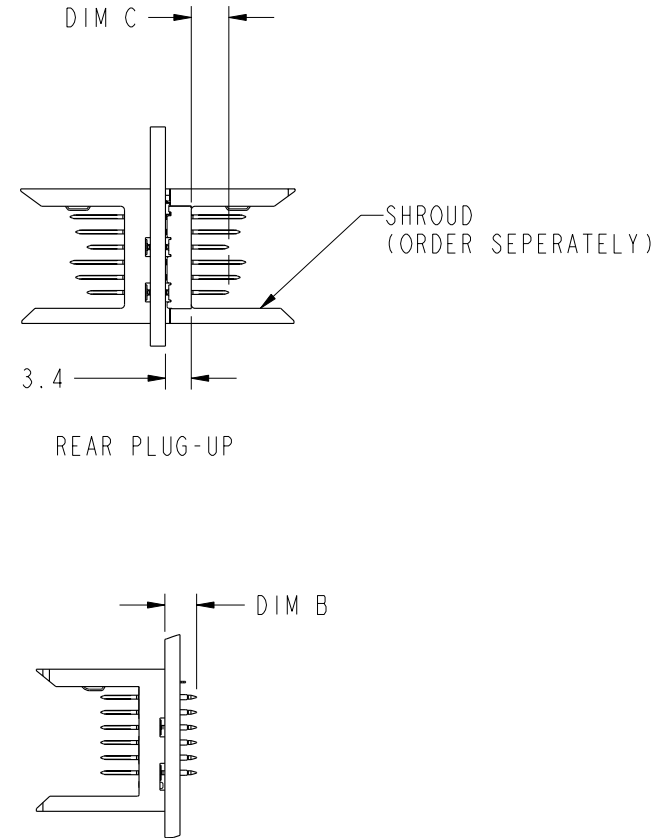
STATUS: Released

Printed: Dec 16, 2008



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

** CANNOT BE MATED TO A METRAL 4000 RECEPTACLE



mat'l code SEE NOTE 5				tolerances unless otherwise specified			CUSTOMER		www.fciconnect.com						
ltr	ecr no.	dr	date	linear	projection										
W															
				angles											
				dr	K. BELL	2000-03-29	 MM 1:1			product family		METRAL 1000	code	213	
				enrg	M. HAHN	2000-03-29				size		dwg no	73983	sheet	6
				chr	M. HAHN	2000-03-29									
				appd	M. HAHN	2000-03-29									
sheet index		revision sheet													

cage code 22526

Pro/E

PDM: Rev:W

STATUS: Released

Printed: Dec 16, 2008