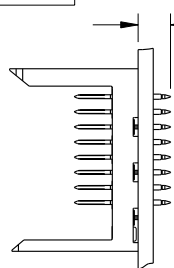
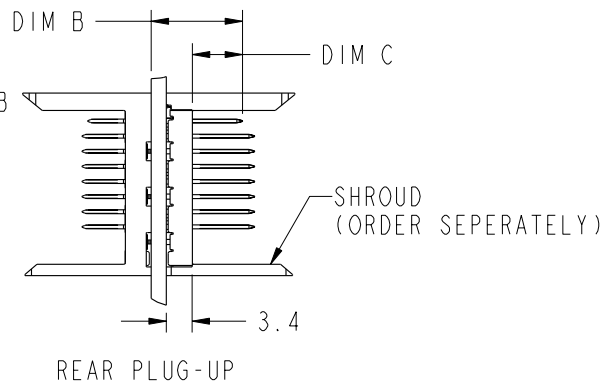




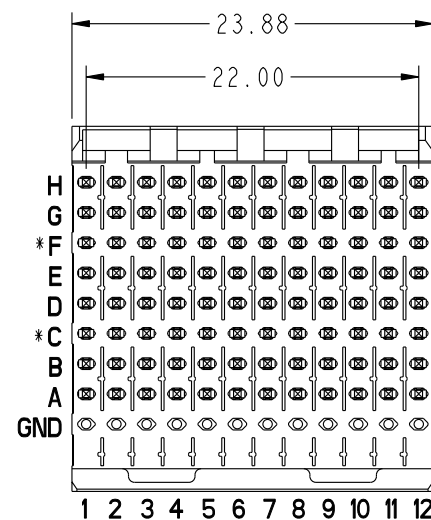
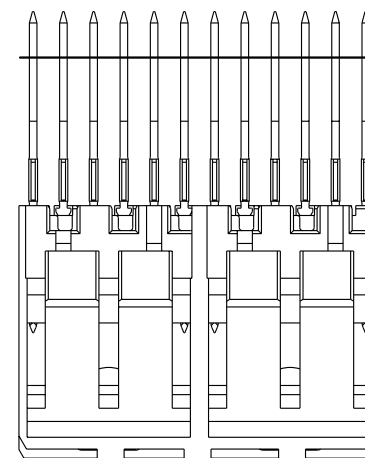
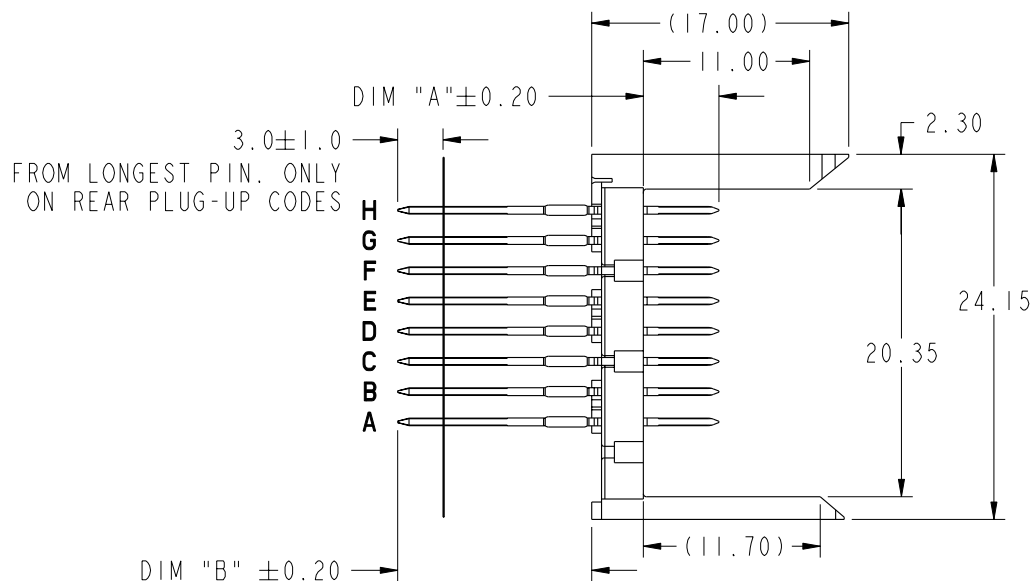
PRODUCT NUMBER
74771-X02ZZZ
74771-X02ZZZLF






STUB MOUNT



REAR PLUG-UP



mat'l code				--				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com									
ltr		ecn no.		dr		date		linear		projection 				title STD. HEADER ASS'Y STR. P.F. EXT. 8-ROW															
N		V06-0544		DCH		2006-06-09																							
-		-		-		-																							
H		V12834		EPK		12/13/01		angles		MM 				product family METRAL				code 213											
J		V20077		CGD		01/14/02		dr														E. KROPER.		1/15/01					
K		V03-0042		LP		5/6/03		enrg														J. VOLSTORF		1/15/01					
L		V04-0397		DAI		05/18/04		chr		J. VOLSTORF		1/15/01		scale 1:1				size A				dwg no 74771				sheet 1 of 5			
M		V05-0955		LP		11/9/05		appd		J. VOLSTORF		1/15/01																	
sheet index		revision sheet		N 1		N 2		N 3		N 4		N 5																	

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PDM: Rev:N

STATUS: Released

Printed: Apr 24, 2007



PIN CODES											
		DIM B									
		4.30	11.55	12.20	12.95	13.70	14.45	15.20	15.70	16.40	17.10
DIM A	5.00	01*	54	22	30	05	35	48	40	65	09
	5.75	02*	55	44	31	06	36	49	25	66	10
	6.50	03*	56	45	32	07	37	50	41	24	11
	7.25	04*	57	46	33	08	38	51	42	67	12
	8.00	19*	58	47	34	20	39	52	43	68	21
RESTRICTION ON CIRCUIT BOARD THICKNESS RANGE FOR PIN POSITIONS A, B, C, D, E, F, G & H											
		DIM B									
		4.30	11.55	12.20	12.95	13.70	14.45	15.20	15.70	16.40	17.10
MIN THICKNESS		1.60	1.60	1.60	1.60	2.30	3.05	3.80	4.30	5.00	5.70
MAX THICKNESS		NONE	3.15	3.80	4.55	5.30	6.05	6.80	7.30	8.00	8.70

* STUB PINS - NO REAR PLUG-UP

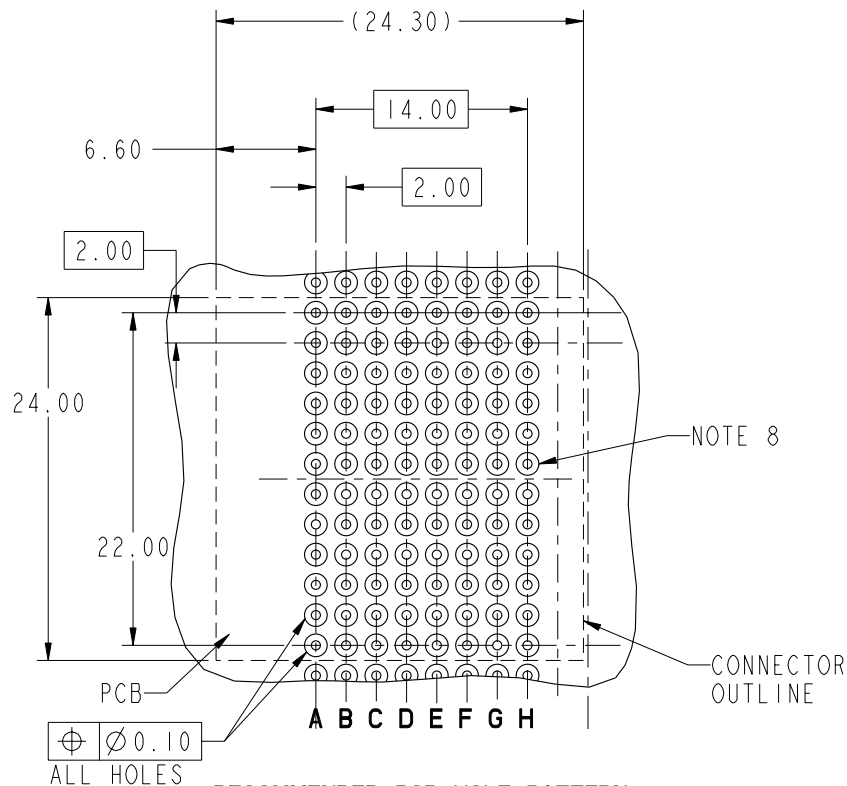
	CIRCUIT BOARD THICKNESS RANGE FOR REAR PLUG-UP CODES	
PRODUCT NUMBER	MIN	MAX
74771-X02004	2.30mm	5.30mm
74771-X02012	1.60mm	3.80mm
74771-X02018	5.70mm	8.70mm
74771-X02023	1.60mm	4.55mm
74771-X02042	2.30mm	5.30mm

mat'l code				tolerances unless otherwise specified			CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear			COPY		title STD. HEADER ASS'Y STR. P.F. EXT. 8-ROW	
N	-	-	-				projection			
				angles						
				dr	E. KROPER.	1/15/01	MM		product family	
				enr	J. VOLSTORF	1/15/01			METRAL	
				chr	J. VOLSTORF	1/15/01	scale		code	
				appd	J. VOLSTORF	1/15/01	1:1		213	
sheet index		revision sheet						size		sheet
								A		2 of 5



PRODUCT NUMBER	PIN CONTACT AREAS TO RECEPTACLE	PRESS FIT PIN TO PCB
74771-102ZZZ	0.8um Au OVER Ni	SnPb OVER Ni
74771-202ZZZ	2.0um Au OVER Ni	SnPb OVER Ni
74771-302ZZZ	1.3um Au OVER Ni	SnPb OVER Ni
74771-502ZZZ	1.3um GXT OVER Ni	SnPb OVER Ni
74771-902ZZZ	0.8um GXT OVER Ni	SnPb OVER Ni
74771-A02ZZZ	0.8um Au OVER Ni	0.08um Au OVER Ni
74771-102ZZZLF	0.8um Au OVER Ni	Sn OVER Ni
74771-202ZZZLF	2.0um Au OVER Ni	Sn OVER Ni
74771-302ZZZLF	1.3um Au OVER Ni	Sn OVER Ni
74771-502ZZZLF	1.3um GXT OVER Ni	Sn OVER Ni
74771-902ZZZLF	0.8um GXT OVER Ni	Sn OVER Ni
74771-A02ZZZLF	0.8um Au OVER Ni	0.08um Au OVER Ni

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



RECOMMENDED PCB HOLE PATTERN
(COMPONENT SIDE)
SEE NOTE 9
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

mat'l code				tolerances unless otherwise specified			CUSTOMER		FCI			
ltr	ecn no.	dr	date	linear				COPY	www.fciconnect.com			
N	-	-	-					projection	title			
									STD. HEADER ASS'Y STR. P.F. EXT. 8-ROW			
				angles								
				dr	E. KROPER.	1/15/01	MM		product family		METRAL	code
				enrg	J. VOLSTORF	1/15/01			size	dwg no	74771	213
				chr	J. VOLSTORF	1/15/01						sheet
				appd	J. VOLSTORF	1/15/01						3 of 5
sheet index	revision sheet											

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PDM: Rev:N

STATUS Released

Printed: Apr 24, 2007



SIGNAL PIN TABLES		
PRODUCT #	ROW	PIN #
74771-X02001 SEE NOTE 14 LEAD FREE OPTION	H	01
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02004 *RPU SEE NOTE 14 LEAD FREE OPTION	H	05
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02011 SEE NOTE 14 LEAD FREE OPTION	H	02
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02012 *RPU SEE NOTE 14 LEAD FREE OPTION	H	44
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-

1 | 2

SIGNAL PIN TABLES		
PRODUCT #	ROW	PIN #
74771-X02018 *RPU SEE NOTE 14 LEAD FREE OPTION	H	10
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02021 SEE NOTE 14 LEAD FREE OPTION	H	03
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02023 *RPU SEE NOTE 14 LEAD FREE OPTION	H	32
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02031 SEE NOTE 14 LEAD FREE OPTION	H	04
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-

3 |

SIGNAL PIN TABLES		
PRODUCT #	ROW	PIN #
74771-X02041 SEE NOTE 14 LEAD FREE OPTION	H	19
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02042 *RPU SEE NOTE 14 LEAD FREE OPTION	H	06
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-

4

* REAR PLUG-UP CODES

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	COPY		title		
N	-	-	-		projection		STD. HEADER ASS'Y STR. P.F. EXT. 8-ROW		
					angles		product family METRAL		
				dr	E. KROPER.	1/15/01	size		code
				enrg	J. VOLSTORF	1/15/01	dwg no		213
				chr	J. VOLSTORF	1/15/01	A		4 of 5
				appd	J. VOLSTORF	1/15/01	74771		
sheet index		revision sheet		scale		1:1			

1 | 2

Pro/E

3 |

cage code 22526

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PRODUCT NUMBER
74771-X02ZZZ
74771-X02ZZZLF

NOTES:

- SEE APPLICATION SPECIFICATION GS-20-010 FOR INFORMATION ON AVAILABLE TOOLING, CURCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURES AND PRODUCT OFFERINGS.
- UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994
- HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, 30% GLASS FILLED, FLAME RETARDANT PER UL 94-V0.
- PIN MATERIAL: PHOSPHER BRONZE
- PLATING INFORMATION: SEE TABLE
- DIMENSIONAL RESTRICTIONS OF PINS IN HEADERS.
DIM A : 5.0mm MIN, 8.0mm MAX FOR ROWS A-H
DIM C : 5.0mm MIN, 8.0mm MAX FOR ROWS A-H
- THE MIN PCB THICKNESS FOR REAR PLUG-UP APPLICATIONS IS 1.6mm
- USE SHROUD 98173-102 FOR REAR PLUG-UP APPLICATIONS.
- THE 'CONNECTOR OUTLINE' IS THE MIN OUTLINE REQUIRED. TO DETERMINE THE OUTLINE NECESSARY TO PERMIT THE VARIOUS TYPES OF REPAIR OPERATIONS, SEE APPLICATION SPECIFICATION GS-20-010.
- CURRENT RATING : 1 AMP PER PIN
- TEMPERATURE RANGE : -55°C TO +105°C
- P/N 74771-X 02 ZZZ LF

LEAD FREE OPTION
PIN POSITIONS
PLATING CODE
- THE PRODUCTS WHERE THE PART NUMBERS ENDS IN A "LF" MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260° C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX. EXAMPLE 74771-X02ZZZLF.

mat'l code				tolerances unless otherwise specified			CUSTOMER		www.fciconnect.com			
ltr	ecr no.	dr	date	linear				COPY				
N	-	-	-					projection				
									title STD. HEADER ASS'Y STR. P.F. EXT. 8-ROW			
				angles								
				dr	E. KROPER.	1/15/01		product family		METRAL		code
				enrg	J. VOLSTORF	1/15/01		size	dwg no			
				chr	J. VOLSTORF	1/15/01						
				appd	J. VOLSTORF	1/15/01						
sheet index		revision sheet					scale	1:1	A		74771	
											213	sheet
											5 of 5	