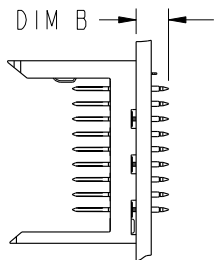
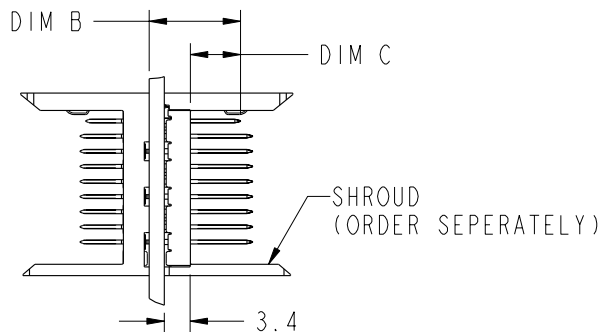




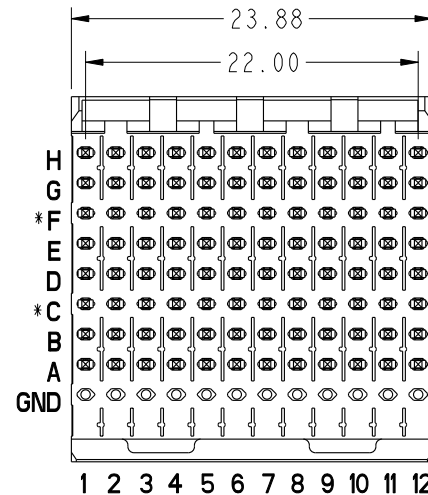
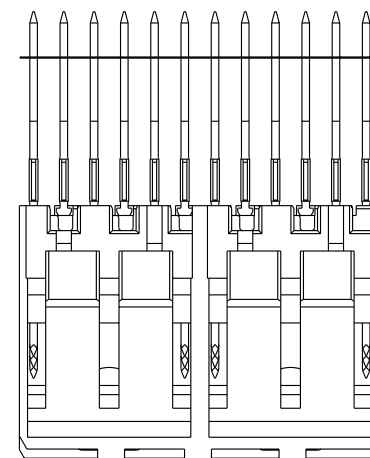
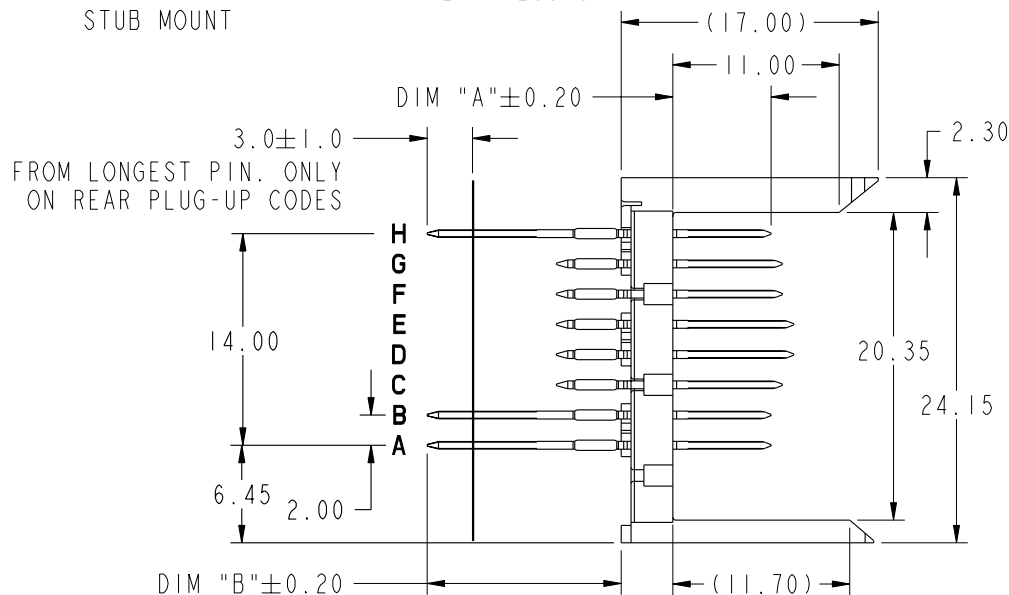
PRODUCT NUMBER
98030-XXXX
98030-XXXXLF



STUB MOUNT



REAR PLUG-UP



mat'l code				tolerances unless otherwise specified			CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear			COPY			
T	V06-0573	DCH	2006-06-14				projection		 MM	
-	-	-	-							
M	V04-0397	DAI	05/24/04	angles					 product family METRAL code	
N	V04-1119	DAI	11/23/04	dr	E. KROPER.	1/15/01				
P	V05-0531	DAI	06/01/05	enrg	J. VOLSTORF	1/15/01			size dwg no	
R	V05-0955	LP	11/9/05	chr	J. VOLSTORF	1/15/01				
S	V06-0029	DAI	01/12/06	appd	J. VOLSTORF	1/15/01			A 98030	
sheet index		revision sheet	T T	T T	T T	T T	scale	1:1		
			1 2	3	4	5			cage code 22526	



A


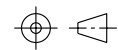
A

B

B

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

mat'l code				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com			
ltr	ecn no.	dr	date	linear				COPY					
T	-	-	-					scale				title	
								1:1				METRAL SIGNAL HEADER 2 MOD, 8 ROW, EXT. PRESS-FIT	
				dr E. KROPER. 1/15/01 enr J. VOLSTORF 1/15/01 chr J. VOLSTORF 1/15/01 appd J. VOLSTORF 1/15/01				product family METRAL size A dwg no 98030		code 213 sheet 2			
sheet index	revision sheet												

cage code 22526

Pro/E

3

4

PDM: Rev:T

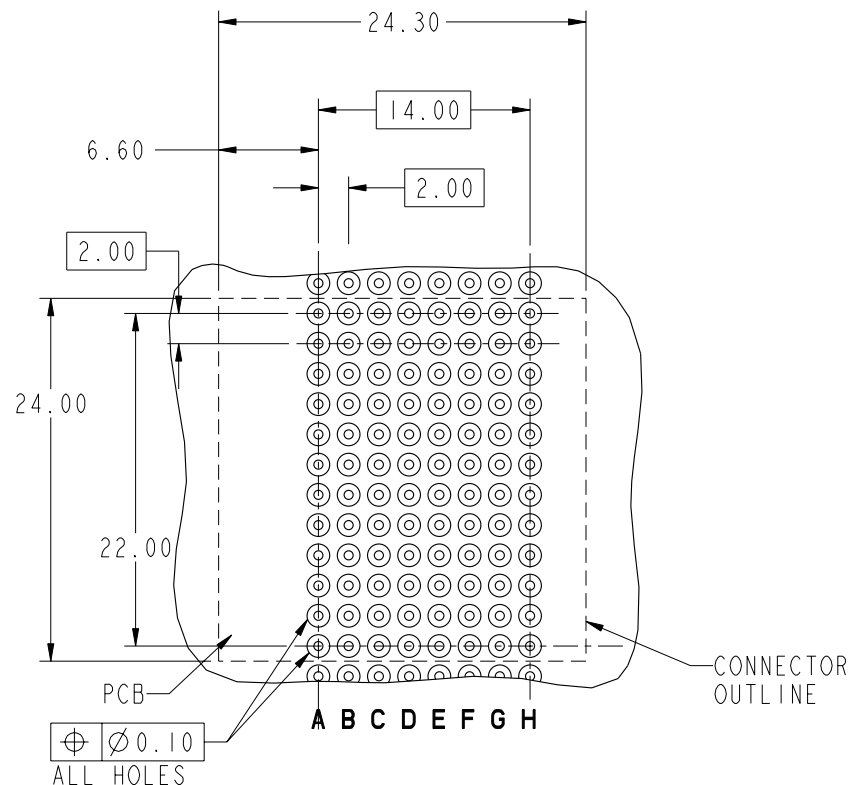
STATUS Released

Printed: Jul 19, 2006



PRODUCT NUMBER	PIN CONTACT AREAS TO RECEPTACLE	PRESS FIT PIN TO PCB
98030-1YYY	0.8μm Au OVER Ni	SnPb OVER Ni
98030-2YYY	2.0μm Au OVER Ni	SnPb OVER Ni
98030-3YYY	1.3μm Au OVER Ni	SnPb OVER Ni
98030-5YYY	1.3μm GXT OVER Ni	SnPb OVER Ni
98030-9YYY	0.8μm GXT OVER Ni	SnPb OVER Ni
98030-AYYY	0.8μm Au OVER Ni	0.08μm Au OVER Ni
98030-1YYYYLF	0.8μm Au OVER Ni	Sn OVER Ni
98030-2YYYYLF	2.0μm Au OVER Ni	Sn OVER Ni
98030-3YYYYLF	1.3μm Au OVER Ni	Sn OVER Ni
98030-5YYYYLF	1.3μm GXT OVER Ni	Sn OVER Ni
98030-9YYYYLF	0.8μm GXT OVER Ni	Sn OVER Ni
98030-AYYYLF	0.8μm Au OVER Ni	0.08μm 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		www.fciconnect.com	
ltr	ecn no.	dr	date	linear				COPY				
T	-	-	-					projection				title
												METRAL SIGNAL HEADER
				angles								2 MOD, 8 ROW, EXT. PRESS-FIT
				dr	E. KROPER.	1/15/01	MM		product family		METRAL	code
				enrg	J. VOLSTORF	1/15/01			size	dwg no		213
				chr	J. VOLSTORF	1/15/01			98030		sheet	3
				appd	J. VOLSTORF	1/15/01						
sheet	revision											
index	sheet											

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* REAR PLUG-UP CODES

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI www.fciconnect.com											
lfr	ecn no.	dr	date	linear					COPY		title METRAL SIGNAL HEADER 2 MOD, 8 ROW, EXT. PRESS-FIT										
T	-	-	-																		
				angles						product family					METRAL					code	
				dr	E. KROPER.	1/15/01		size					dwg no					213			
				enrg	J. VOLSTORF	1/15/01		scale					A					sheet			
				chr	J. VOLSTORF	1/15/01		1:1					98030					4			
				appd	J. VOLSTORF	1/15/01															
sheet index		revision sheet																			

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*REAR PLUG-UP CODES



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PRODUCT NUMBER
98030-XXXX
98030-XXXXLF

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 98030-X YY L F
LEAD FREE OPTION
PIN POSITIONS
PLATING CODE
- THE PRODUCTS WHERE THE PART NUMBERS ENDS IN "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: 98030-XXXXLF

mat'l code				tolerances unless otherwise specified			CUSTOMER		FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear				COPY				
T	-	-	-					projection	title METRAL SIGNAL HEADER			
									2 MOD, 8 ROW, EXT. PRESS-FIT			
				angles								
				dr	E. KROPER.	1/15/01	MM ←→	scale 1:1	product family		METRAL	code
				enrg	J. VOLSTORF	1/15/01			size	dwg no		213
				chr	J. VOLSTORF	1/15/01			98030		sheet	6
				appd	J. VOLSTORF	1/15/01						
sheet index	revision sheet											

cage code 22526