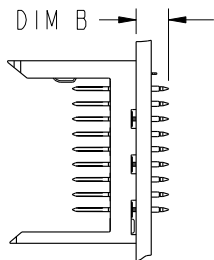
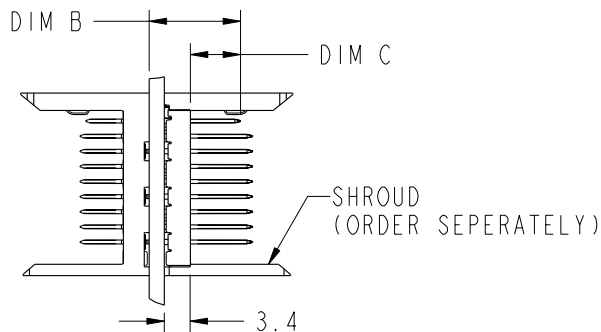




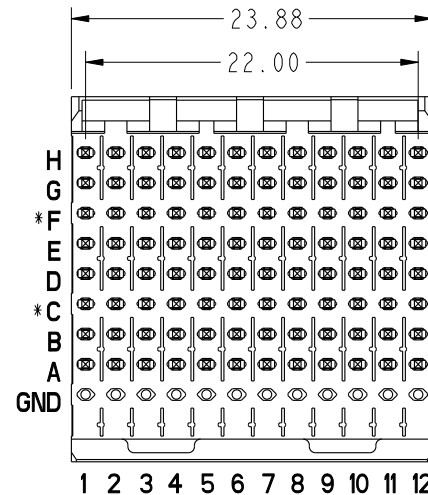
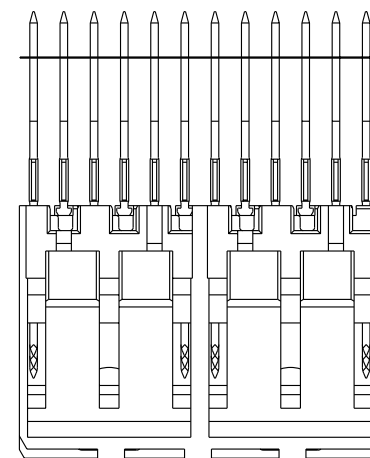
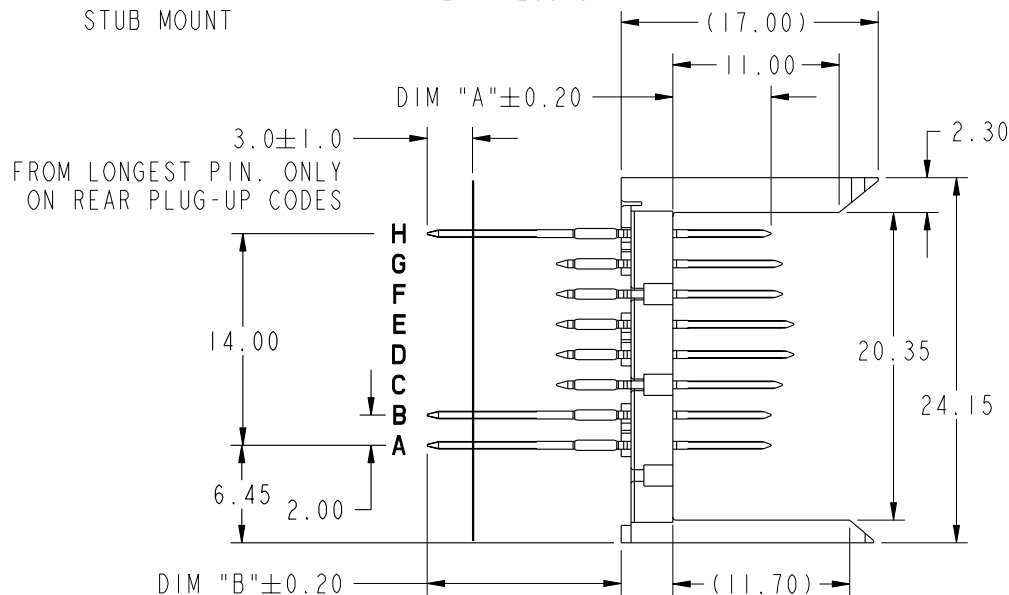
PRODUCT NUMBER
98030-XXXX
98030-XXXXLF



STUB MOUNT



REAR PLUG-UP



mat'l code				tolerances unless otherwise specified			CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear			COPY					
T	V06-0573	DCH	2006-06-14				projection					
-	-	-	-	angles								
M	V04-0397	DAI	05/24/04									
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						
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						
sheet index		revision sheet	T	T	T	T	T	T				
			1	2	3	4	5	6				

Pro/E

cage code 22526

PDM: Rev:T


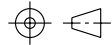
STATUS: Released

Printed: Jul 19, 2006



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								title METRAL SIGNAL HEADER 2 MOD, 8 ROW, EXT. PRESS-FIT																							
T	-	-	-					scale												MM																			
								1:1												A																			
								dr				E. KROPER.				1/15/01				product family				METRAL				code				213							
								enr				J. VOLSTORF				1/15/01				size				dwg no				98030				sheet				2			
								chr				J. VOLSTORF				1/15/01																							
								appd				J. VOLSTORF				1/15/01																							
sheet index				revision sheet																																			

cage code 22526

Pro/E

PDM: Rev:T

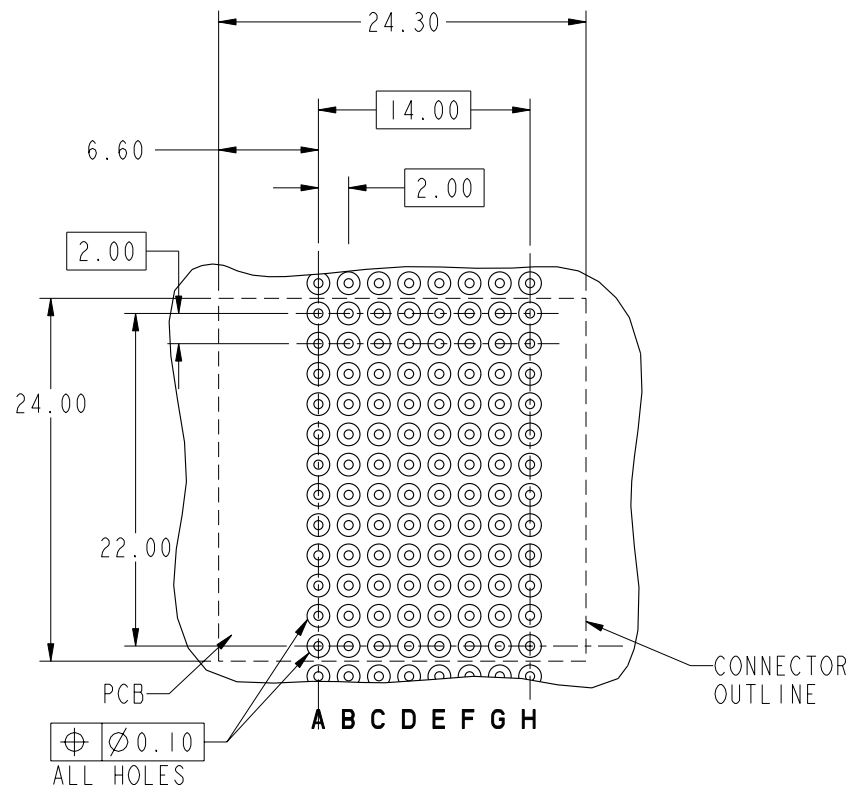
STATUS Released

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		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear				COPY		
T	-	-	-					projection	 title METRAL SIGNAL HEADER 2 MOD, 8 ROW, EXT. PRESS-FIT	
								MM		
				angles				scale	A	
				dr	E. KROPER.	1/15/01	 1:1		product family	
				enrg	J. VOLSTORF	1/15/01			METRAL	
				chr	J. VOLSTORF	1/15/01			code	
				appd	J. VOLSTORF	1/15/01			213	
sheet		revision							sheet	
index		sheet							3	

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

* REAR PLUG-UP CODES

[illegible]



METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
98030-X012 SEE NOTE 14 LEAD FREE OPTION	H	-	2	-	2	-	2	-	2	-	2	-	2
	G	2	-	2	-	2	-	2	-	2	-	2	-
	F	-	2	-	2	-	2	-	2	-	2	-	2
	E	2	-	2	-	2	-	2	-	2	-	2	-
	D	-	2	-	2	-	2	-	2	-	2	-	2
	C	2	-	2	-	2	-	2	-	2	-	2	-
	B	-	2	-	2	-	2	-	2	-	2	-	2
	A	2	-	2	-	2	-	2	-	2	-	2	-
	GND	-	-	-	-	-	-	-	-	-	-	-	-

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
98030-X013 SEE NOTE 14 LEAD FREE OPTION	H	2	2	2	2	2	2	2	2	2	2	2	2
	G	2	2	2	2	2	2	2	2	2	2	2	2
	F	4	4	2	2	2	2	2	2	2	2	2	2
	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2
	GND	-	-	-	-	-	-	-	-	-	-	-	-

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
98030-X014 SEE NOTE 14 LEAD FREE OPTION	H	2	2	2	2	2	2	2	2	2	2	2	2
	G	2	2	2	2	2	2	2	2	2	2	2	2
	F	4	4	2	2	2	2	2	2	2	2	2	2
	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2
	GND	-	-	-	-	-	-	-	-	-	-	-	-

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
98030-X015 * SEE NOTE 14 LEAD FREE OPTION	H	-	55	-	55	-	55	-	55	-	55	-	55
	G	55	-	55	-	55	-	55	-	55	-	55	-
	F	-	55	-	55	-	55	-	55	-	55	-	55
	E	55	-	55	-	55	-	55	-	55	-	55	-
	D	-	55	-	55	-	55	-	55	-	55	-	55
	C	55	-	55	-	55	-	55	-	55	-	55	-
	B	-	55	-	55	-	55	-	55	-	55	-	55
	A	55	-	55	-	55	-	55	-	55	-	55	-
	GND	-	-	-	-	-	-	-	-	-	-	-	-

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
98030-X016 * SEE NOTE 14 LEAD FREE OPTION	H	55	55	55	55	55	55	55	55	55	55	55	55
	G	55	55	55	55	55	55	55	55	55	55	55	55
	F	57	57	55	55	55	55	55	55	55	55	55	55
	E	55	55	55	55	55	55	55	55	55	55	55	55
	D	55	55	55	55	55	55	55	55	55	55	55	55
	C	55	55	55	55	55	55	55	55	55	55	55	55
	B	55	55	55	55	55	55	55	55	55	55	55	55
	A	55	55	55	55	55	55	55	55	55	55	55	55
	GND	-	-	-	-	-	-	-	-	-	-	-	-

*REAR PLUG-UP CODES

mat'l code				tolerances unless otherwise specified				CUSTOMER				FCi www.fciconnect.com			
ltr		ecn no.		dr		date		linear		projection		title		METRAL SIGNAL HEADER	
T												2 MOD, 8 ROW, EXT. PRESS-FIT			
								angles				product family		METRAL	
								dr		E. KROPER.		1/15/01		code	
								enrg		J. VOLSTORF		1/15/01		213	
								chr		J. VOLSTORF		1/15/01		sheet	
								appd		J. VOLSTORF		1/15/01		5	
sheet		revision													
index		sheet													



PRODUCT NUMBER
98030-XXXX
98030-YYYYLF

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-YYYYLF

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						sheet
				appd	J. VOLSTORF	1/15/01						6
sheet index		revision sheet										

cage code 22526

Pro/E

PDM: Rev:T

STATUS Released

Printed: Jul 19, 2006

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