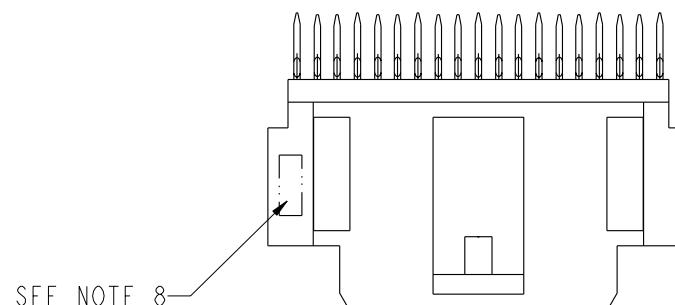
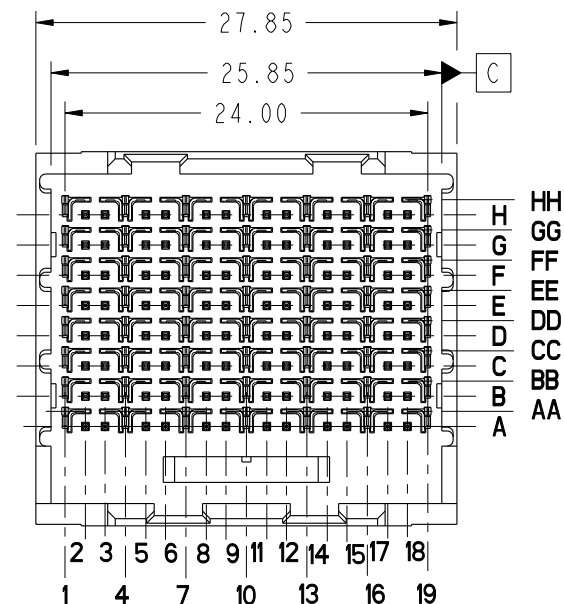
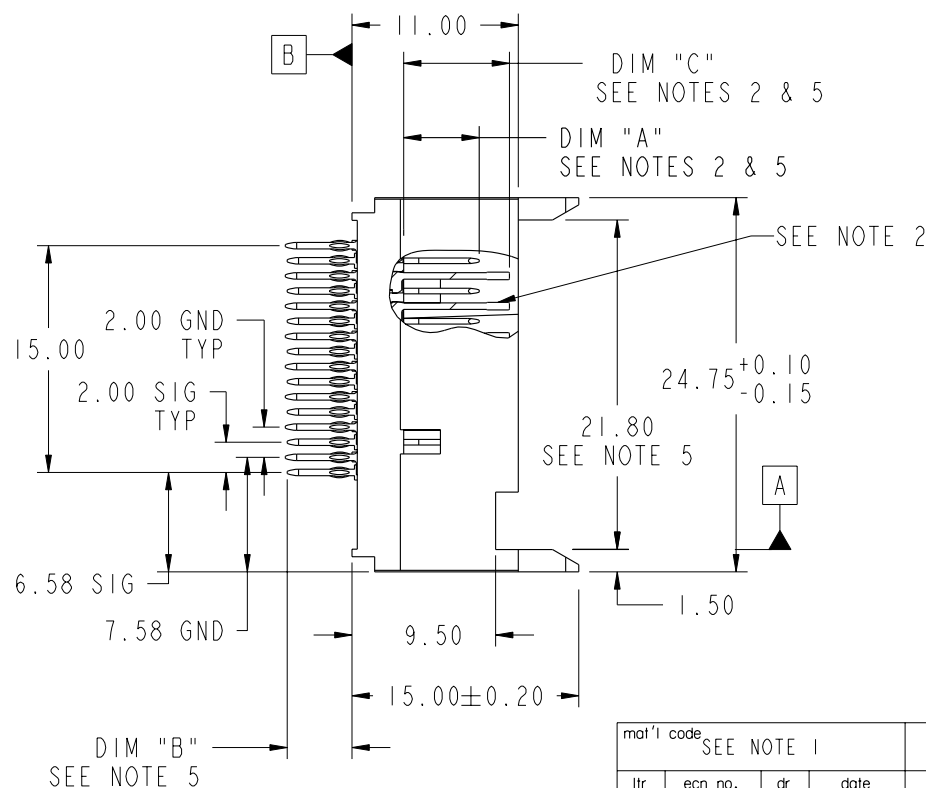




PRODUCT NUMBER	CONTACT PLATING PERFORMANCE LEVEL	PRESS FIT TAIL PLATING
84962-1YY	TELCORDIA CO	STANDARD (SnPb)
84962-1YYLF	TELCORDIA CO	LEAD FREE (Sn)



SEE NOTE 8



mat'l code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.3	COPY	projection	title	www.fciconnect.com
H	V06-0569	DCH	2006-06-12	linear	0.XX ± 0.10			VERTICAL SIGNAL HDR. 8 ROW	
J	V08-0123	HTB	2008-03-13	linear	0.XXX ± 0.050			P.F. 48 POS. SPECIAL LOAD	
-	-	-	-	angles	0° ± 2°				
D	V12260	JLO	2001-10-08	dr	A. RAISTRICK 2000-05-15	MM		product family	METRAL 3000
E	V12731	AR	2001-11-27	engr	J. ORTEGA 2000-05-15	scale		size	dwg no
F	V04-0422	DAI	2004-05-06	chr	J. ORTEGA 2000-05-15	2:1		A	84962
G	V05-0925	DAI	2005-10-24	appd	J. ORTEGA 2000-05-15				
sheet index	revision sheet	J 1	J 2	J 3	J 4	J 5			

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cage code 22526

PDM: Rev:J

STATUS Released

Printed: Apr 23, 2008



PRODUCT NO.	ROW	DIM "A"	GROUND PIN MATE LENGTH	DIM "B" SIGNAL	DIM "B" GND
84962-X01 SEE NOTE 7 LEAD FREE OPTION	H	5.00	7.00	4.30	4.30
	G	5.00	7.00	4.30	4.30
	F	5.00	7.00	4.30	4.30
	E	5.00	7.00	4.30	4.30
	D	5.00	7.00	4.30	4.30
	C	5.00	7.00	4.30	4.30
	B	5.00	7.00	4.30	4.30
	A	5.00	7.00	4.30	4.30
84962-X02 SEE NOTE 7 LEAD FREE OPTION	H	5.75	7.00	4.30	4.30
	G	5.75	7.00	4.30	4.30
	F	5.75	7.00	4.30	4.30
	E	5.75	7.00	4.30	4.30
	D	5.75	7.00	4.30	4.30
	C	5.75	7.00	4.30	4.30
	B	5.75	7.00	4.30	4.30
	A	5.75	7.00	4.30	4.30
84962-X03 SEE NOTE 7 LEAD FREE OPTION	H	6.50	7.00	4.30	4.30
	G	6.50	7.00	4.30	4.30
	F	6.50	7.00	4.30	4.30
	E	6.50	7.00	4.30	4.30
	D	6.50	7.00	4.30	4.30
	C	6.50	7.00	4.30	4.30
	B	6.50	7.00	4.30	4.30
	A	6.50	7.00	4.30	4.30

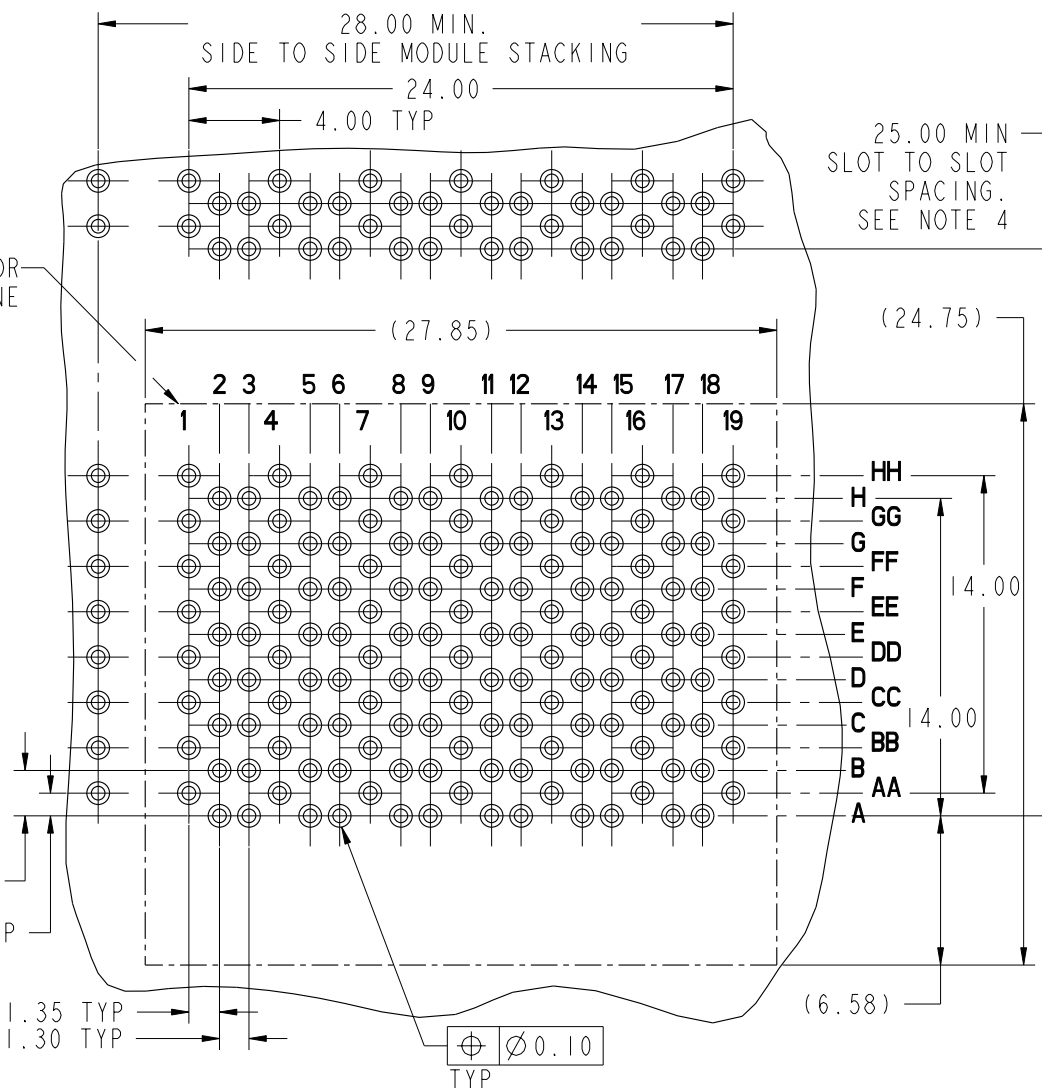
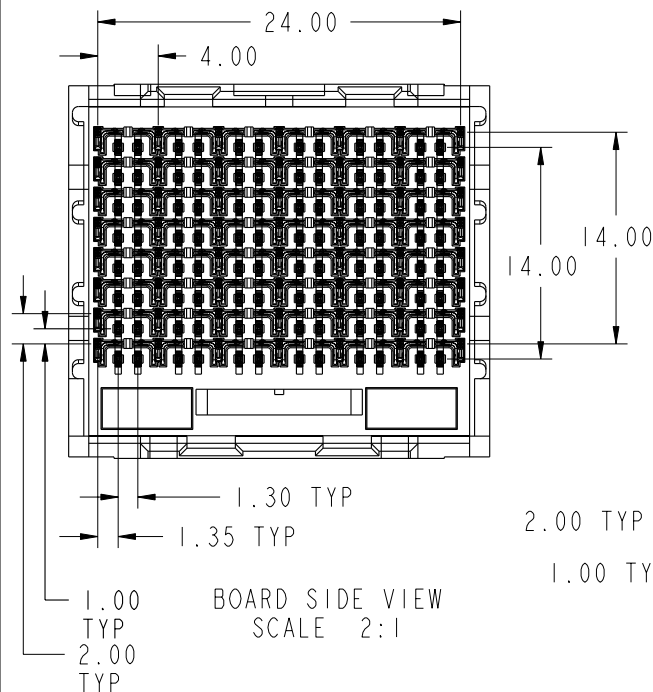
PRODUCT NO.	ROW	DIM "A"	GROUND PIN MATE LENGTH	DIM "B" SIGNAL	DIM "B" GND
84962-X10 SEE NOTE 7 LEAD FREE OPTION	H	5.00	7.00	3.40	3.40
	G	5.00	7.00	3.40	3.40
	F	5.00	7.00	3.40	3.40
	E	5.00	7.00	3.40	3.40
	D	5.00	7.00	3.40	3.40
	C	5.00	7.00	3.40	3.40
	B	5.00	7.00	3.40	3.40
	A	5.00	7.00	3.40	3.40
84962-X11 SEE NOTE 7 LEAD FREE OPTION	H	5.75	7.00	3.40	3.40
	G	5.75	7.00	3.40	3.40
	F	5.75	7.00	3.40	3.40
	E	5.75	7.00	3.40	3.40
	D	5.75	7.00	3.40	3.40
	C	5.75	7.00	3.40	3.40
	B	5.75	7.00	3.40	3.40
	A	5.75	7.00	3.40	3.40
84962-X12 SEE NOTE 7 LEAD FREE OPTION	H	6.50	7.00	3.40	3.40
	G	6.50	7.00	3.40	3.40
	F	6.50	7.00	3.40	3.40
	E	6.50	7.00	3.40	3.40
	D	6.50	7.00	3.40	3.40
	C	6.50	7.00	3.40	3.40
	B	6.50	7.00	3.40	3.40
	A	6.50	7.00	3.40	3.40

mat'l code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER		FCi www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	projection	COPY	title	VERTICAL SIGNAL HDR. 8 ROW P.F. 48 POS. SPECIAL LOAD
J					0.XX ±0.10				
					0.XXX ±0.050				
				angles	0° ±2°	MM	scale	product family	METRAL 3000
				dr	A. RAISTRICK 2000-05-15				
				enrg	J. ORTEGA 2000-05-15				
				chr	J. ORTEGA 2000-05-15	A	size	dwg no	code
				appd	J. ORTEGA 2000-05-15				
sheet	revision								
index	sheet								

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PRODUCT NUMBER
SEE SHEET 1



PRESS-FIT HOLES	SIZE RANGE	NOMINAL
HOLE DIAMETER AFTER PLATING	$\varnothing 0.55 - \varnothing 0.65$	$\varnothing 0.60$
DRILLED HOLE	$\varnothing 0.68 - \varnothing 0.73$	$\varnothing 0.70$
COPPER PLATING	0.025 MIN	
SnPb PLATING	0.005 - 0.015	

mat'l code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER		FCi www.fciconnect.com		
ltr	ecn no.	dr	date	linear	0.X ± 0.3		COPY		title VERTICAL SIGNAL HDR. 8 ROW P.F. 48 POS. SPECIAL LOAD	
J					0.XX ± 0.10		projection 			
					0.XXX ± 0.050					
				angles	0° ± 2°					
				dr	A. RAISTRICK	2000-05-15	product family		METRAL 3000	code
				enrg	J. ORTEGA	2000-05-15	size		dwg no	213
				chr	J. ORTEGA	2000-05-15	scale			sheet
				appd	J. ORTEGA	2000-05-15	1:1		A	84962
sheet index	revision sheet									3



www.fciconnect.com

title
VERTICAL SIGNAL HDR. 8 ROW
P.F. 48 POS. SPECIAL LOAD

product family METRAL 3000 code

size dwg no 213

A 84962 sheet 3

cage code 22526

Pro/E

3

4

PDM: Rev:J

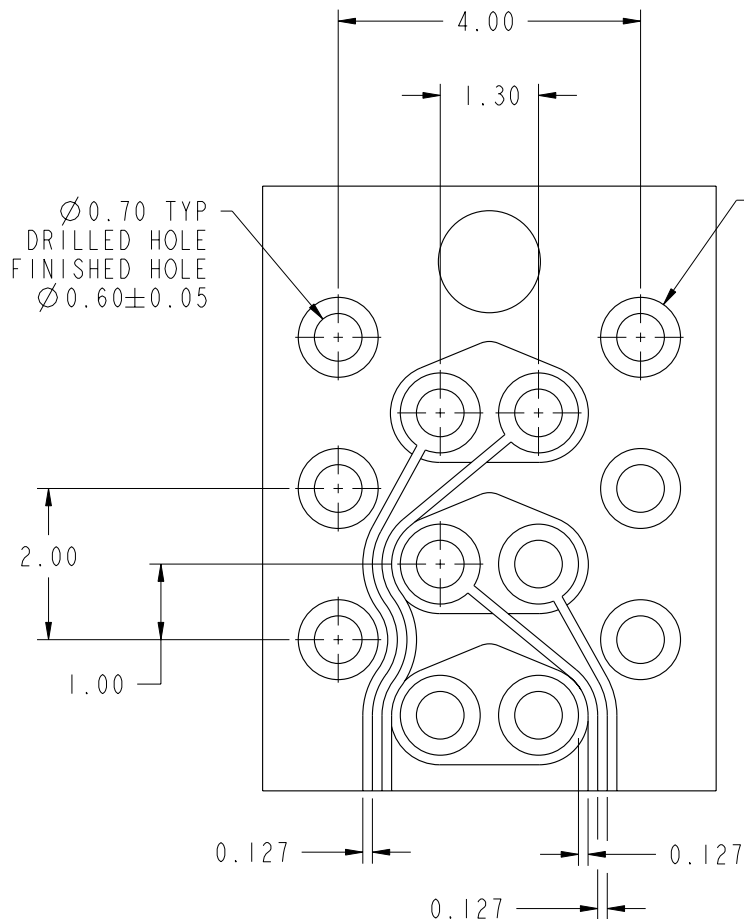
STATUS Released

Printed: Apr 23, 2008



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PRODUCT NUMBER
SEE SHEET 1



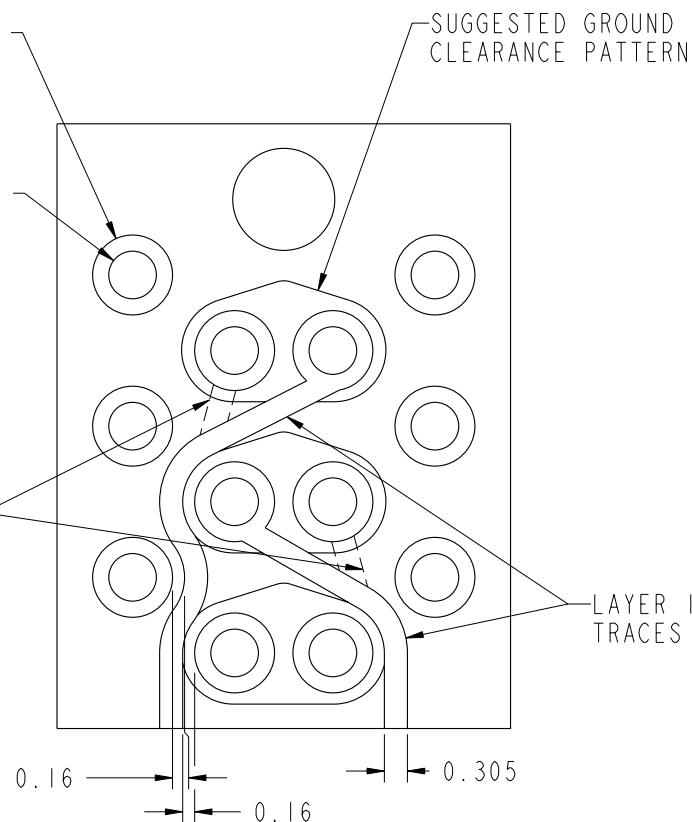
OPTION A (EDGE COUPLED)
METRAL - DIFFERENTIAL PCB
TRACE LAYOUT

- 0.127 mm [0.005 in] TRACES MAX
WITH 0.127 mm [0.005 in] GAPS
- 4 TRACES (2 PAIRS) PER LAYER

Ø 1.057
Ø 0.70 TYP
DRILLED HOLE
FINISHED HOLE
Ø 0.60 ± 0.05

Ø 1.057
PAD SIZE

LAYER 11
TRACES



OPTION B (BROADSIDE COUPLED)
METRAL - DIFFERENTIAL
PCB TRACE LAYOUT

- UP TO 0.305 mm [0.012 in]
TRACES MAX WITH 0.16 mm
[0.006 in] GAPS
- 2 TRACES PER LAYER

mat'l code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ± 0.3	projection	COPY	title	VERTICAL SIGNAL HDR. 8 ROW P.F. 48 POS. SPECIAL LOAD
J					0.XX ± 0.10				
					0.XXX ± 0.050				
				angles	0° ± 2°	MM	scale	product family	METRAL 3000
				dr	A. RAISTRICK 2000-05-15				
				enr	J. ORTEGA 2000-05-15				
				chr	J. ORTEGA 2000-05-15	A	size	dwg no	code
				appd	J. ORTEGA 2000-05-15				
sheet	revision								
index	sheet								

Pro/E

3

cage code 22526

4

PDM: Rev:J

STATUS Released

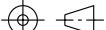
Printed: Apr 23, 2008

PRODUCT NUMBER

SEE SHEET 1

NOTES:

1. BODY MATERIAL: LIQUID CRYSTAL POLYMER 30% GF
FLAME RETARDANT IN ACCORDANCE WITH UL 94-VO.
PIN MATERIAL: COPPER ALLOY
2. DIM "C" REFERENCES GROUND PIN AND DIM "A" REFERENCES SIGNAL PIN.
3. PRODUCT MARKING: PART NUMBER AND BATCH ID.
4. REFERENCE METRAL 3000 APPLICATION SPEC GS-20-012
FOR MODULE APPLICATION AND REPAIR REQUIREMENTS.
5. DIMENSIONS AFTER INSERTION INTO CIRCUIT BOARD WITH FCI
APPROVED TOOLING.
6. REFERENCE METRAL 3000 PRODUCT SPEC GS-12-138.
7. PRODUCTS WHERE THE PART NUMBER ENDS IN "LF" MEET
EUROPEAN UNIONDIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-22-008.
ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260° FOR 60
SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE
REFLOW OVEN.
FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX.
EXAMPLE: 84962-1YYLF.
8. COMPANY LOGO LOCATED IN THIS AREA.

mat'l code SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com				
ltr	ecr no.	dr	date	linear	0.X ±0.3			COPY		title VERTICAL SIGNAL HDR. 8 ROW P.F. 48 POS. SPECIAL LOAD				
J					0.XX ±0.10			projection 						
					0.XXX ±0.050									
				angles	0° ±2°			 scale 1 : 1		product family		METRAL 3000	code	
				dr	A. RAISTRICK	2000-05-15	size			dwg no	213			
				enrg	J. ORTEGA	2000-05-15	A			84962		sheet 5		
				chr	J. ORTEGA	2000-05-15								
				appd	J. ORTEGA	2000-05-15								
sheet index		revision sheet												

title
VERTICAL SIGNAL HDR. 8 ROW
P.F. 48 POS. SPECIAL LOAD

product family METRAL 3000 code

size dwg no 213

sheet 5

A 84962

cage code 22526

4

