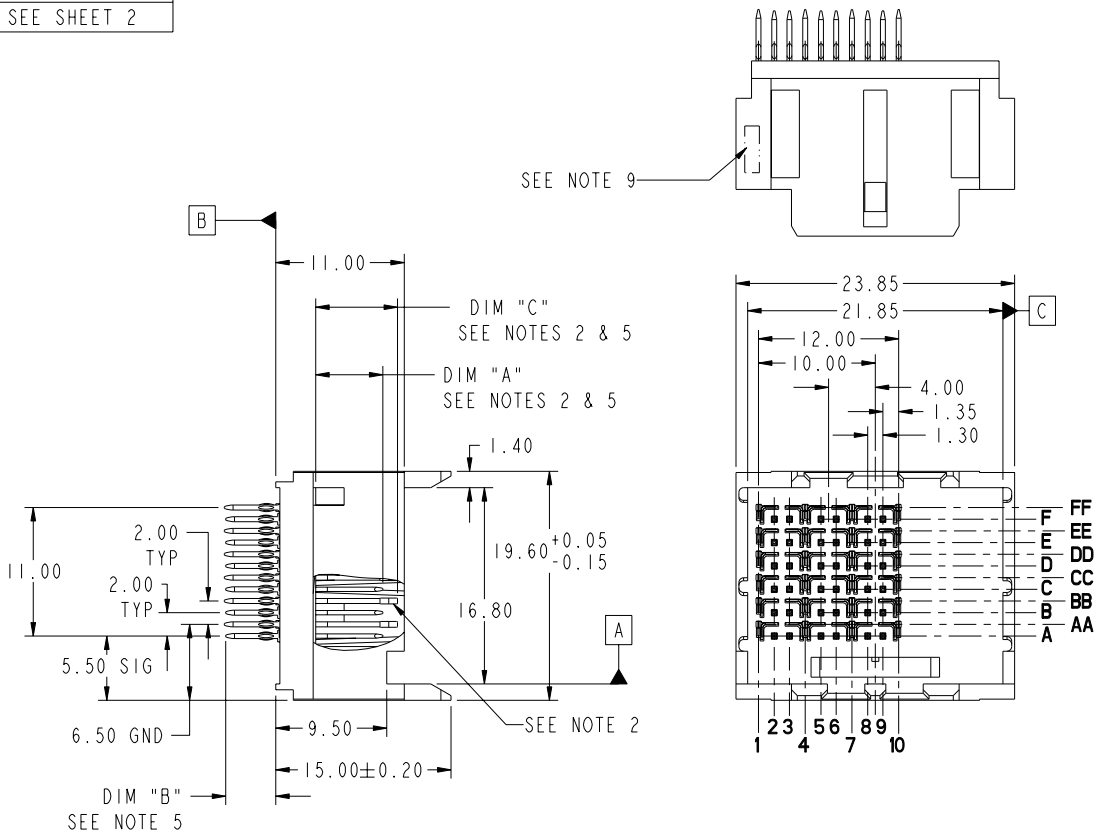




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PRODUCT NUMBER
SEE SHEET 2



mat'l code SEE TABLE				tolerances unless otherwise specified		CUSTOMER		FCJ www.fcjconnect.com	
ltr	ecm no.	dr	date	linear	0.XX ± 0.3	COPY		title	
J	V08-0124	HTB	2008-03-14	0.XXX ± 0.10	projection	VERTICAL SIGNAL HDR, 6 ROW		P.F. 18 PAIR, SPECIAL LOAD	
D	V10811	SCS	2001-01-30	0.XXX ± 0.050	angles	product family METRAL 3000		code	
E	V12260	JLO	2001-10-08	0° ± 2°	MM	size		213	
F	V12731	AR	2001-11-27	dr S. KLINE 2000-07-10	scale	dwg no		sheet	
G	V05-0925	DAI	2005-10-24	chr J. ORTEGA 2000-07-10	2:1	55472		1 of 5	
H	V06-0492	DCH	2006-05-23	oppd J. ORTEGA 2000-07-10					
sheet index	revision sheet	J	J	J	J	J	J		
		1	2	3	4	5			

REV E - 2008-04-18

Pro/E 3 cage code 22526 4

PDM: Rev:J STATUS:Released Printed: Dec 01, 2010



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PRODUCT NUMBER SEE NOTE 8	CONTACT PLATING PERFORMANCE LEVEL	PRESS FIT TAIL PLATING	DIM "A"	DIM "B" SIGNAL	DIM "B" GROUND	DIM "C"
55472-101	TELCORDIA CO	STANDARD (SnPb)	5.00	4.30	4.30	7.00
55472-101LF	TELCORDIA CO	LEAD FREE (Sn)	5.00	4.30	4.30	7.00
55472-102	TELCORDIA CO	STANDARD (SnPb)	5.75	4.30	4.30	7.00
55472-102LF	TELCORDIA CO	LEAD FREE (Sn)	5.75	4.30	4.30	7.00

mat'l code SEE TABLE				tolerances unless otherwise specified		CUSTOMER	 www.fcjconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY	 title VERTICAL SIGNAL HDR, 6 ROW P.F. 18 PAIR, SPECIAL LOAD	product family METRAL 3000 code 213 size dwg no 55472 sheet 2 of 5
J				0.XX ±0.10	projection	 scale 1:1		
				0.XXX ±0.050	angles			
				0° ±2°	dr	S. KLINE 2000-07-10		
					engr	J. ORTEGA 2000-07-10		
					chr	J. ORTEGA 2000-07-10		
					oppd	J. ORTEGA 2000-07-10		
sheet index	revision sheet							

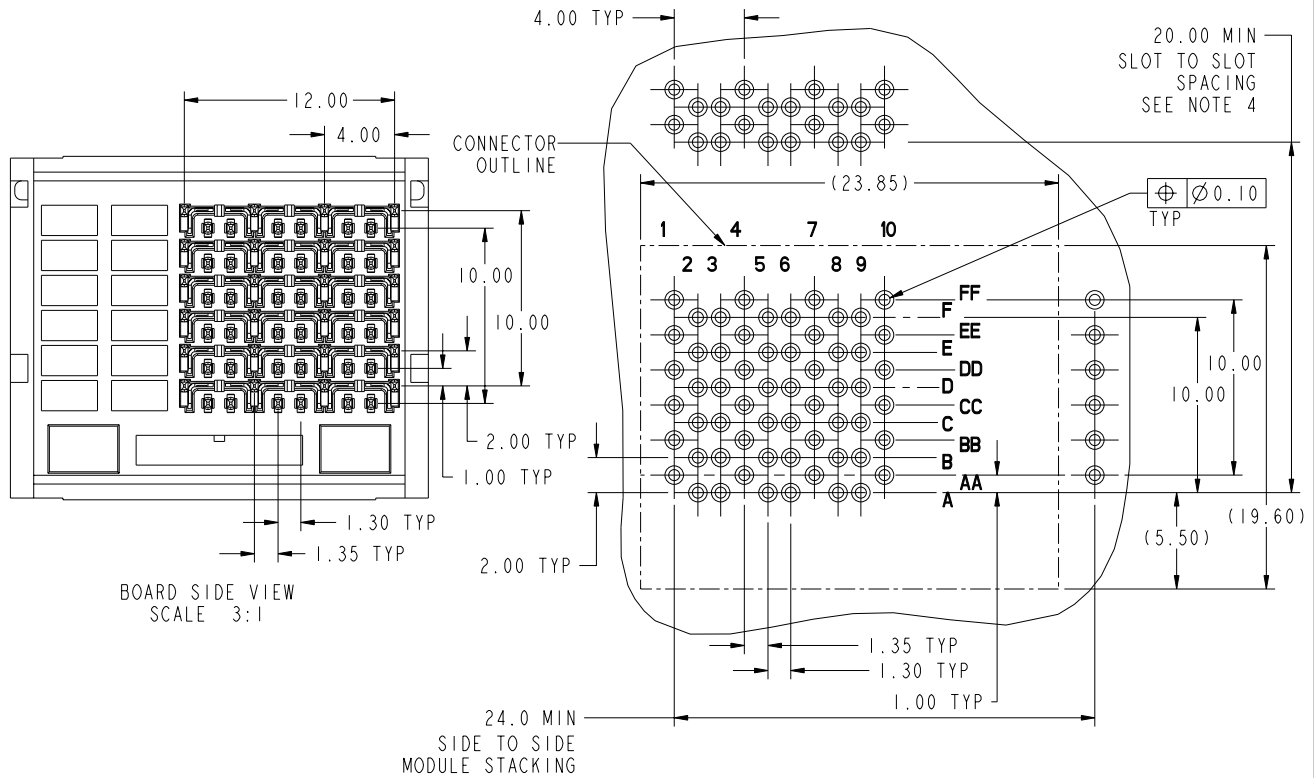
REV E - 2006-04-18

PDM: Rev:J STATUS: **Released** Printed: Dec 01, 2010



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PRODUCT NUMBER
SEE SHEET 2



PRESS-FIT HOLES	SIZE RANGE	NOMINAL
HOLE DIAMETER AFTER PLATING	Ø0.55 - Ø0.65	Ø0.60
DRILLED HOLE	Ø0.68 - Ø0.73	Ø0.70
COPPER PLATING	0.025 MIN	
SnPb PLATING	0.005 - 0.015	

mat'l code SEE TABLE		tolerances unless otherwise specified		CUSTOMER	www.fciconnect.com
lfr	ecm no.	dr	date	COPY	
J				projection	title
					VERTICAL SIGNAL HDR, 6 ROW P.F. 18 PAIR, SPECIAL LOAD
				size	METRAL 3000
				scale	code
				1:1	213
					sheet
					3 of 5
sheet index	revision sheet				

REV E - 2006-04-18

Pro/E

cage code 22526

PDM: Rev:J STATUS:Released Printed: Dec 01, 2010

PRODUCT NUMBER
SEE SHEET 2

SUGGESTED GROUND
CLEARANCE PATTERN

Ø 0.70 TYP
DRILLED HOLE
FINISHED HOLE
Ø 0.60±0.05

Ø 1.057
PAD SIZE

0.127 0.127
0.127

OPTION A (EDGE COUPLED)
METRAL - HB 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

LAYER II
TRACES

LAYER I
TRACES

0.16 0.16 0.305

OPTION B (BROADSIDE COUPLED)
METRAL - HB 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 TABLE				tolerances unless otherwise specified		CUSTOMER		FCJ	
litr	ecn no.	dr	date	0.X ±0.3	projection	COPY		www.fcjconnect.com	
J				0.XX ±0.10		title		VERTICAL SIGNAL HDR, 6 ROW	
				0.XXX ±0.050		product family		METRAL 3000	
				angles	0° ±2°	size		213	
				dr	S. KLINKE 2000-07-10	scale		4 of 5	
				engr	J. ORTEGA 2000-07-10	A		55472	
				chr	J. ORTEGA 2000-07-10	2:1			
				appd	J. ORTEGA 2000-07-10				
sheet index	revision sheet							cage code	22526



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REV E - 2006-04-18

1 | 2

3 |

4

PRODUCT NUMBER
SEE SHEET 2

NOTES:

- 1. BODY MATERIAL: LIQUID CRYSTAL POLYMER 30% GF
FLAME RETARDANT PER UL 94-V0.
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. PRODUCT WHERE THE PART NUMBER ENDS IN "LF" MEET THE 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.
- 8. FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX.
EXAMPLE: 55472-XYLFF
 - 9. COMPANY LOGO TO BE LOCATED IN THIS AREA.



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mat'l code SEE TABLE				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY		
J					0.XX ±0.10		title VERTICAL SIGNAL HDR. 6 ROW P.F. 18 PAIR, SPECIAL LOAD		
				angles	0.XXX ±0.050		product family METRAL 3000 code 213		
				dr	S. KLINE 2000-07-10	 MM 1:1	size		sheet 5
				engr	J. ORTEGA 2000-07-10		dwg no		
				chr	J. ORTEGA 2000-07-10		55472		
				oppd	J. ORTEGA 2000-07-10				
sheet index	revision sheet								

1 | 2

Pro/E

3 |

cage code 22526

4

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REV E - 2006-04-18