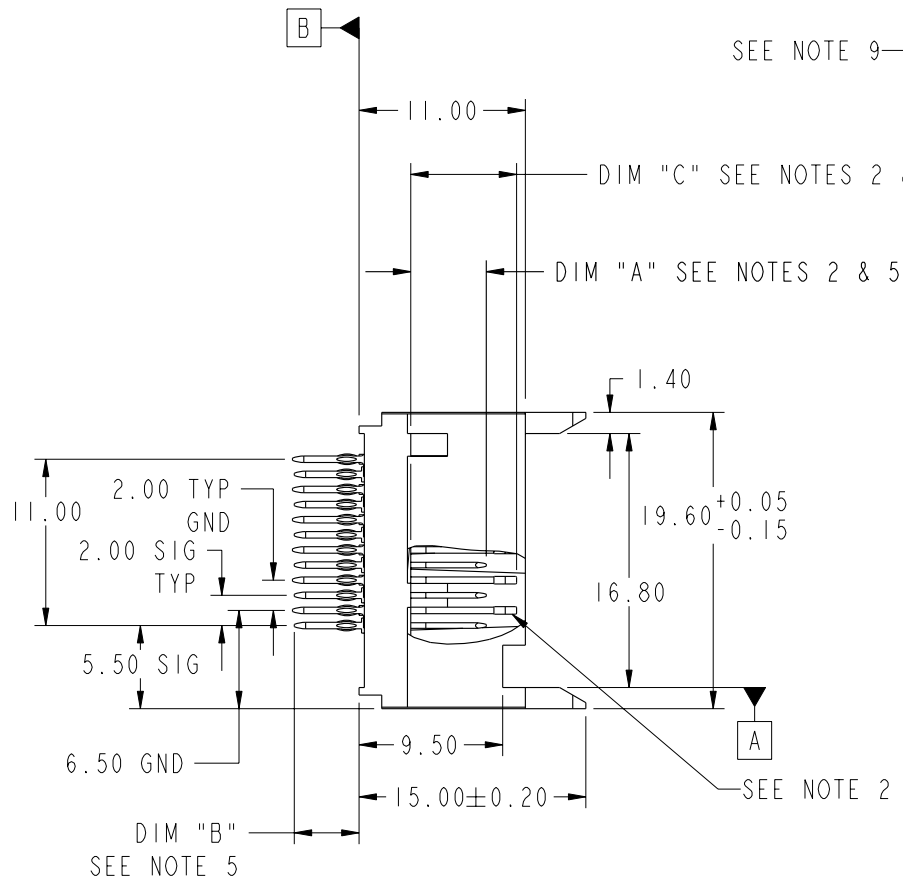


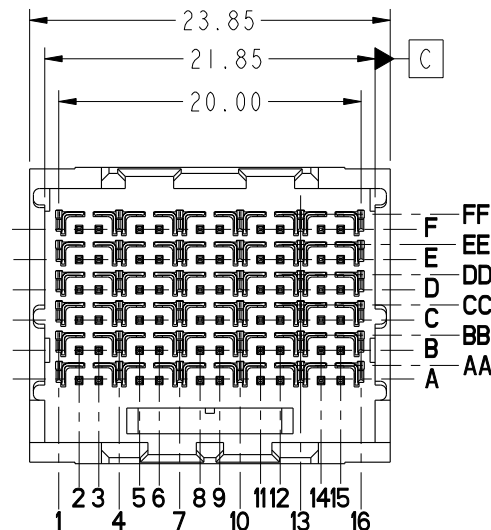
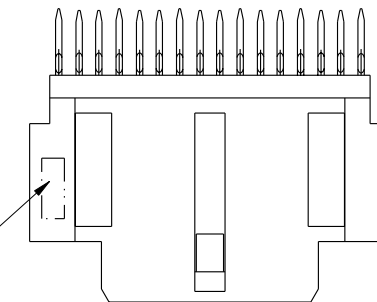
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PRODUCT NUMBER
SEE SHEET 2



SEE NOTE 9



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. 6 ROW P.F. 30 PAIR SPECIAL LOAD
L	V06-0498	DCH	2006-05-30		0.XX ±0.10				projection			
M	V08-0124	HTB	2008-03-17		0.XXX ±0.050							
-	-	-	-	angles	0° ±2°							
G	V04-0070	DAI	2004-01-04	dr	S. KLINE	2000-04-21	MM		product family METRAL 3000		code	
H	V04-0422	DAI	2004-05-06	enrg	J. ORTEGA	2000-04-20	← MM →		size	dwg no	213	
J	V04-0661	TAB	2004-06-22	chr	A. RAISTRICK	2000-04-21	scale		A	63372	sheet	
K	V05-0925	DAI	2005-10-24	appd	J. ORTEGA	2000-04-21	2:1				1 of 5	
sheet index		revision	M	M	M	M	M					
		sheet	1	2	3	4	5					



PRODUCT NUMBER SEE NOTE 8	CONTACT PLATING PERFORMANCE LEVEL	PRESS FIT TAIL PLATING	DIM "A"	DIM "B" SIGNAL	DIM "B" GROUND	DIM "C"
63372-101	TELCORDIA CO	STANDARD (SnPb)	5.00	4.30	4.30	7.00
63372-101LF	TELCORDIA CO	LEAD FREE (Sn)	5.00	4.30	4.30	7.00
63372-102	TELCORDIA CO	STANDARD (SnPb)	5.75	4.30	4.30	7.00
63372-102LF	TELCORDIA CO	LEAD FREE (Sn)	5.75	4.30	4.30	7.00
63372-103	TELCORDIA CO	STANDARD (SnPb)	6.50	4.30	4.30	7.00
63372-103LF	TELCORDIA CO	LEAD FREE (Sn)	6.50	4.30	4.30	7.00
63372-104	TELCORDIA CO	STANDARD (SnPb)	5.00	4.30	4.30	6.25
63372-104LF	TELCORDIA CO	LEAD FREE (Sn)	5.00	4.30	4.30	6.25
63372-110	TELCORDIA CO	STANDARD (SnPb)	5.00	3.40	3.40	7.00
63372-110LF	TELCORDIA CO	LEAD FREE (Sn)	5.00	3.40	3.40	7.00
63372-111	TELCORDIA CO	STANDARD (SnPb)	5.75	3.40	3.40	7.00
63372-111LF	TELCORDIA CO	LEAD FREE (Sn)	5.75	3.40	3.40	7.00
63372-112	TELCORDIA CO	STANDARD (SnPb)	6.50	3.40	3.40	7.00
63372-112LF	TELCORDIA CO	LEAD FREE (Sn)	6.50	3.40	3.40	7.00
63372-114	TELCORDIA CO	STANDARD (SnPb)	5.00	3.40	3.40	6.25
63372-114LF	TELCORDIA CO	LEAD FREE (Sn)	5.00	3.40	3.40	6.25

mat'l code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	 MM	title	
M					0.XX ±0.10			VERTICAL SIGNAL HDR. 6 ROW	
					0.XXX ±0.050			P.F. 30 PAIR SPECIAL LOAD	
				angles	0° ±2°			product family	METRAL 3000
				dr	S. KLINE 2000-04-21	scale	A	size	dwg no
				enrg	J. ORTEGA 2000-04-20			63372	213
				chr	A. RAISTRICK 2000-04-21				
				appd	J. ORTEGA 2000-04-21				
sheet	revision								
index	sheet								

1.35 TYP → | ←

1.30 TYP → | ←



3

REV E - 2006-04-18

PRODUCT NUMBER
SEE SHEET 2

SUGGESTED GROUND
CLEARANCE PATTERN

Ø1.057
PAD SIZE

Ø0.70 TYP
DRILLED HOLE
FINISHED HOLE
Ø0.60±0.05

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

Ø1.057
Ø0.70 TYP
DRILLED HOLE
FINISHED HOLE
Ø0.60±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 NOTE 1				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	VERTICAL SIGNAL HDR. 6 ROW P.F. 30 PAIR SPECIAL LOAD
M					0.XX ±0.10				
					0.XXX ±0.050				
				angles	0° ±2°	MM scale 2:1	A	product family size METRAL 3000 dwg no 63372	code 213 sheet 4
				dr	S. KLINE 2000-04-21				
				enr	J. ORTEGA 2000-04-20				
				chr	A. RAISTRICK 2000-04-21	A	A	A	A
				appd	J. ORTEGA 2000-04-21				
sheet index	revision sheet							cage code 22526	4

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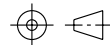




PRODUCT NUMBER
SEE SHEET 2

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 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"
MEETS 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: 63372-1YYLF.
 - ⑨. COMPANY LOGO TO BE LOCATED IN THIS AREA.

mat'l code SEE NOTE 1				tolerances unless otherwise specified			CUSTOMER		 www.fciconnect.com				
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY			title VERTICAL SIGNAL HDR. 6 ROW P.F. 30 PAIR SPECIAL LOAD			
M					0.XX ±0.10		projection						
					0.XXX ±0.050								
				angles	0° ±2°								
				dr	S. KLINE	2000-04-21			product family		METRAL	code	
				enrg	J. ORTEGA	2000-04-20			size	dwg no		213	
				chr	A. RAISTRICK	2000-04-21						sheet	
				appd	J. ORTEGA	2000-04-21	scale		1:1	A	63372	5	
sheet	revision												
index	sheet												

cage code 22526

Pro/E

PDM: Rev:M

STATUS: Released

Printed: Dec 01, 2010