



A

B

GROUND SPRING
CONTACT FINGERS
PLATING PERFORMANCE
LEVEL

TELCORDIA CO

TELCORDIA UE

GROUND SPRING EON
PRESS FIT TAIL PLATING

STANDARD (SnPb)

LEAD FREE (Sn)

STANDARD (SnPb)

LEAD FREE (Sn)

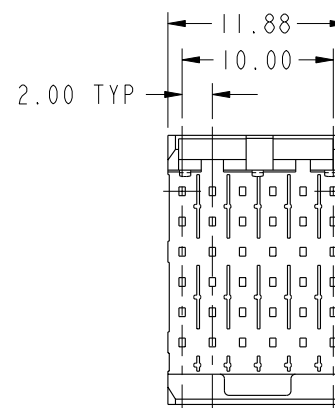
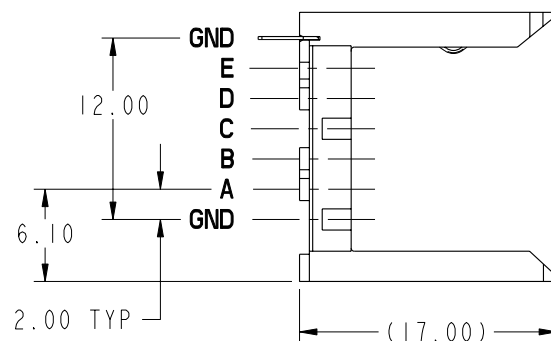
PRODUCT
NUMBER

55831-101

55831-101LF

55831-501

55831-501LF



mat'l code SEE NOTE 5				tolerances unless otherwise specified				CUSTOMER		FCi www.fciconnect.com				
ltr	ecn no.	dr	date	linear	0.X ±0.3				COPY		title VERTICAL SIGNAL HDR SHROUD 5 ROW P.F. 30 POS. STANDARD			
A	V21232	CGD	2002-07-26		0.XX ±0.13				projection					
B	V06-0492	DCH	2006-05-23		.XXX ±.051									
C	V06-0045	DPU	2006-06-30	angles	0° ±2°				MM scale 2:1		product family METRAL 1000 code 213 sheet 1 of 3			
D	V07-0178	DCH	2007-04-17	dr	C. DAILY	2002-07-26								
E	V07-0693	HTB	2007-11-26	enr	M. STRAWSER	2002-07-26								
F	V08-0071	HTB	2008-02-07	chr	M. STRAWSER	2002-07-26								
				appd	M. STRAWSER	2002-07-26								
sheet index		revision sheet		F 1	F 2	F 3								

Pro/E

3

cage code 22526

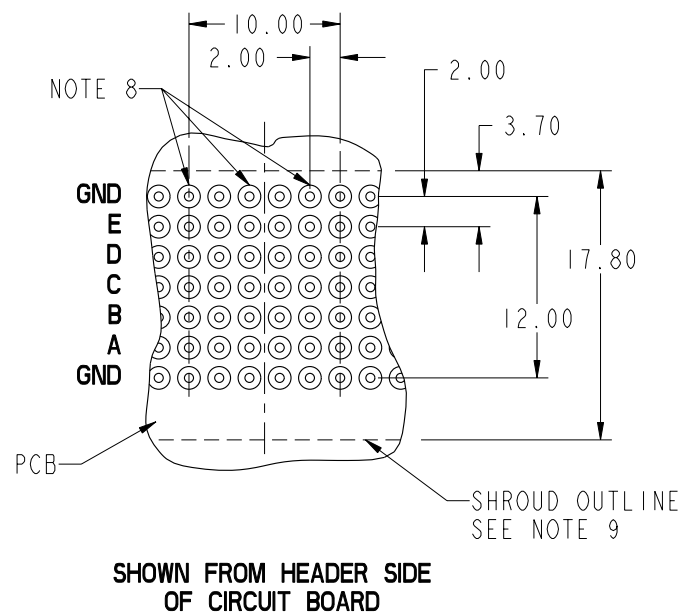
4

A

B

PRODUCT NUMBER
SEE SHEET 1

PRESS-FIT HOLES	OPTION 1
HOLE DIAMETER AFTER PLATING	0.65-0.80
DRILLED HOLE	0.81-0.86 (0.85 DRILL)
COPPER PLATING	0.025 MIN
SnPb PLATING	0.005-0.015



mat'l code SEE NOTE 5				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 SHROUD 5 ROW P.F. 30 POS. STANDARD			
F					0.XX ±0.13								
					.XXX ±.051								
				angles	0° ±2°			MM  scale 2:1	product family METRAL 1000	size dwg no 55831	code 213		
				dr	C. DAILY	2002-07-26	sheet 2						
				enrg	M. STRAWSER	2002-07-26							
				chr	M. STRAWSER	2002-07-26							
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sheet index	revision sheet												

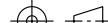
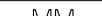
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PRODUCT NUMBER
SEE SHEET 1

NOTES:

1. SEE APPLICATION SPECIFICATION GS-20-010 FOR INFORMATION ON AVAILABLE TOOLING, CIRCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURES AND PRODUCT OFFERINGS.
2. SEE FCI PUBLICATION 950511-028 FOR "ELECTRICAL PERFORMANCE DATA FOR DIFFERENTIAL APPLICATIONS."
3. SEE FCI PUBLICATION 950511-029 FOR "ELECTRICAL PERFORMANCE DATA FOR SINGLE-ENDED APPLICATION."
4. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5, 1994
5. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, FILLED WITH PTFE (TEFLON), FLAME RETARDANT PER UL 94-V0.
GROUND SPRING MATERIAL: PHOSPHER BRONZE
6. PLATING INFORMATION: SEE TABLE
7. THE MIN PCB THICKNESS FOR REAR PLUG-UP APPLICATIONS IS 2.9mm
SINCE THE COMPLIANT SECTIONS OF THE GROUND SPRING OF THE HEADER DIRECTLY OPPOSE THE GROUND SPRING OF THE SHROUD.
8. THESE HOLES ARE NEEDED FOR REAR PLUG-UP DESIGNS USING A SHROUD.
ALL OTHER HOLES ARE FOR THE HEADER.
9. THE 'SHROUD 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.
10. CURRENT RATING: 1 AMP PER PIN
11. TEMPERATURE RANGE: -55°C TO +105°C
12. PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
13. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 245°C FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
FOR LEAD FREE PART NUMBERS, ADD 'LF' SUFFIX.
EXAMPLE: 55831-X01LF

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F					0.XX ±0.13		projection 									
					.XXX ±.051											
				angles	0° ±2°				product family METRAL 1000 code 213 sheet 3							
				dr	C. DAILY	2002-07-26	MM 						product family		METRAL 1000	
				enr	M. STRAWSER	2002-07-26	scale						size		dwg no	
				chr	M. STRAWSER	2002-07-26	2:1						A		55831	
				appd	M. STRAWSER	2002-07-26										
sheet index		revision sheet														



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title
VERTICAL SIGNAL HDR SHROUD
5 ROW P.F. 30 POS. STANDARD

product family METRAL 1000 code

size dwg no 55831 sheet 213

A 3

cage code 22526

Pro/E

3

4

PDM: Rev:F

STATUS: Released Printed: May 13, 2011