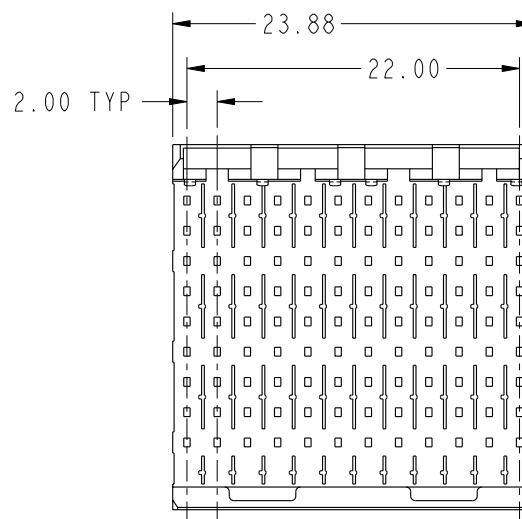
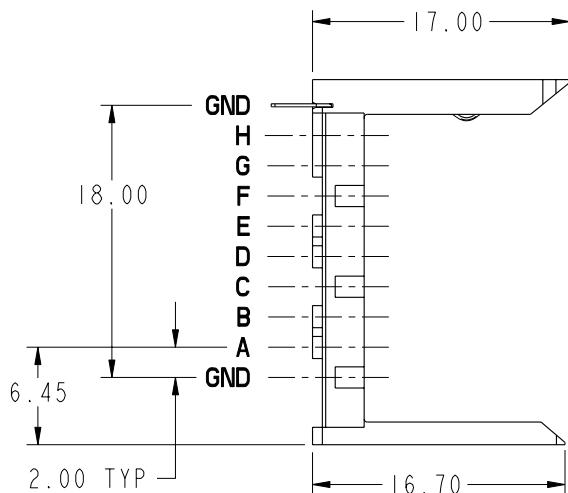
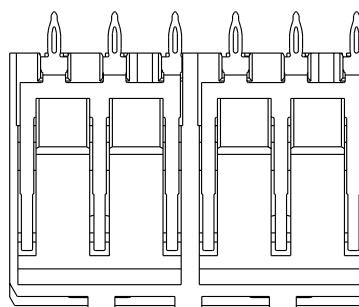


PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	PRESS FIT TAIL PLATING
74993-102	TELCORDIA CO	STANDARD
74993-102LF		LEAD FREE
74993-502	TELCORDIA UE	STANDARD
74993-502LF		LEAD FREE



part no. SEE NOTE 5				tolerances unless otherwise specified		CUSTOMER COPY	title
ltr	ecn no.	dr	date	linear			
A	V90180	L-IV	1999-04-13	0.0X ±0.3		projection	VERTICAL SIGNAL HDR SHROUD
B	V94091	MRS	1999-11-10	0.0XX ±0.13			8 ROW P.F. 96 POS. EXT.
C	V12223	EPK	2001-09-17	.0XX ±.051			
D	V05-0797	VS	2005-08-31	angles		MM	product family METRAL 1000
E	V06-0644	DCH	2006-06-12	dr			code 213
F	V07-0180	DCH	2007-04-18	engr			size dwg no
G	V08-0046	HTB	2008-01-30	J. VOLSTORF			74993
				chr		scale 2:1	sheet 1 of 3
				J. VOLSTORF			
				J. VOLSTORF			
sheet	revision	G	G	G			
index	sheet	1	2	3			

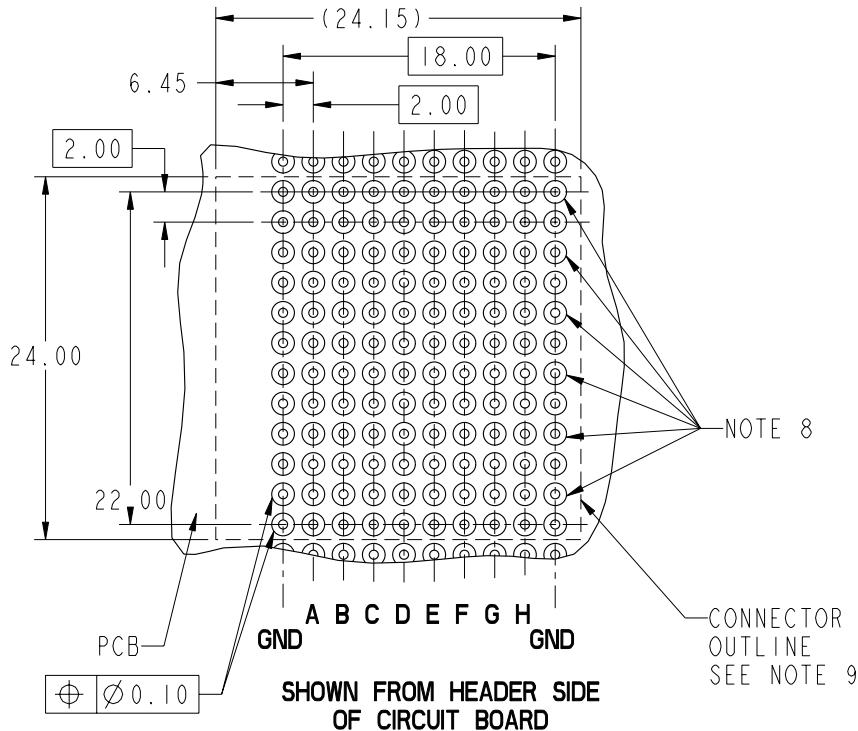
PRODUCT NUMBER SEE SHEET 1	PRESS-FIT HOLES	OPTION 1 ROWS GND-PIN, A,B,C,D,E	OPTION 2 ROW GND-SPRING
	HOLE DIAMETER AFTER PLATING	0.65-0.80	0.45-0.55
	DRILLED HOLE	0.81-0.86 (0.85 DRILL)	0.60±0.02
	COPPER PLATING	0.025 MIN	0.025 MIN
	SnPb PLATING	0.005-0.015	0.005-0.015

A

A



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mat'l code SEE NOTE 5				tolerances unless otherwise specified			CUSTOMER		FCI		www.fciconnect.com			
ltr	ecn no.	dr	date	0. X \pm 0.3			COPY		projection 		title VERTICAL SIGNAL HDR SHROUD 8 ROW P.F. 96 POS. EXT.			
G				0. XX \pm 0.13			projection							
				. XXX \pm .051										
				angles 0° \pm 2°			MM 		product family METRAL 1000 code 213 size dwg no sheet 2					
				dr	E. KROPER	2001-09-17						scale		
				engr	J. VOLSTORF	2001-09-17						2:1		
				chr	J. VOLSTORF	2001-09-17								
				oppd	J. VOLSTORF	2001-09-17			A 74993					
sheet index		revision sheet												
												spec. code		

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, 30% GLASS FILLED, FLAMERETARDANT PER UL 94-VO. GROUND SPRING MATERIAL: PHOSPHER BRONZE STRIPLINE SHIELDED MATERIAL: PHOSPHER BRONZE
6. PLATING INFORMATION: PLATING IN CONTACT AREA MEETS THE PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET 1. PLATING ON "LF" TAILS IS Sn ONLY; PLATING ON ALL OTHER TAILS IS SnPb.
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. FOR LEAD FREE PART NUMBERS, ADD 'LF' SUFFIX EXAMPLE: 74993-X02LF
13. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

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mat'l code				SEE NOTE 5			tolerances unless otherwise specified		CUSTOMER COPY	projection	title	www.fciconnect.com
ltr	ecn no.	dr	date	linear	0. X ± 0.3	0. XX ± 0.13	0. XXX ± .051	0° ± 2°				
6				angles					MM	product family	METRAL 1000	code
				dr	E. KROPER.	2001-09-17				size	dwg no	213
				engr	J. VOLSTORF	2001-09-17				sheet		
				chr	J. VOLSTORF	2001-09-17						
				oppd	J. VOLSTORF	2001-09-17						
									2:1			
				sheet	revision							
				index	sheet							

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74993-102LF 74993-502 74993-502LF