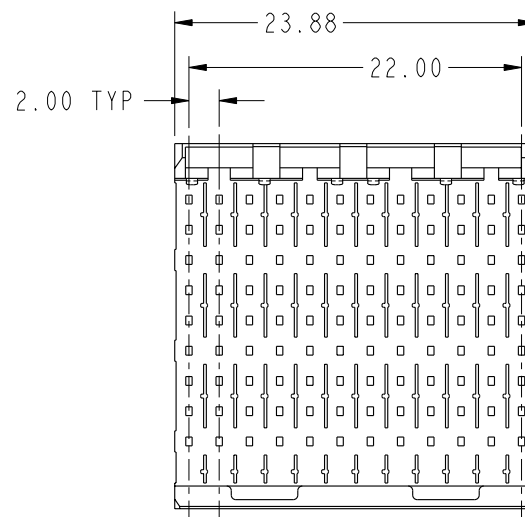
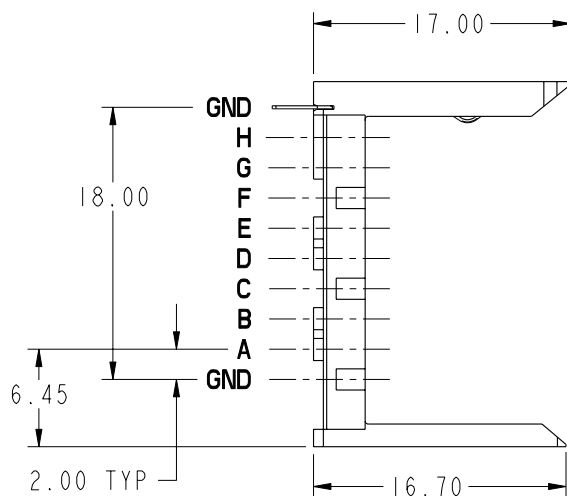
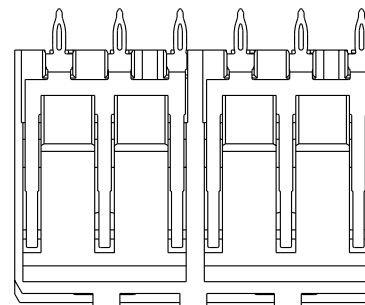




PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	PRESS FIT TAIL PLATING
74993-102	TELCORDIA CO	STANDARD
74993-102LF		LEAD FREE
74993-502	TELCORDIA UE	STANDARD
74993-502LF		LEAD FREE

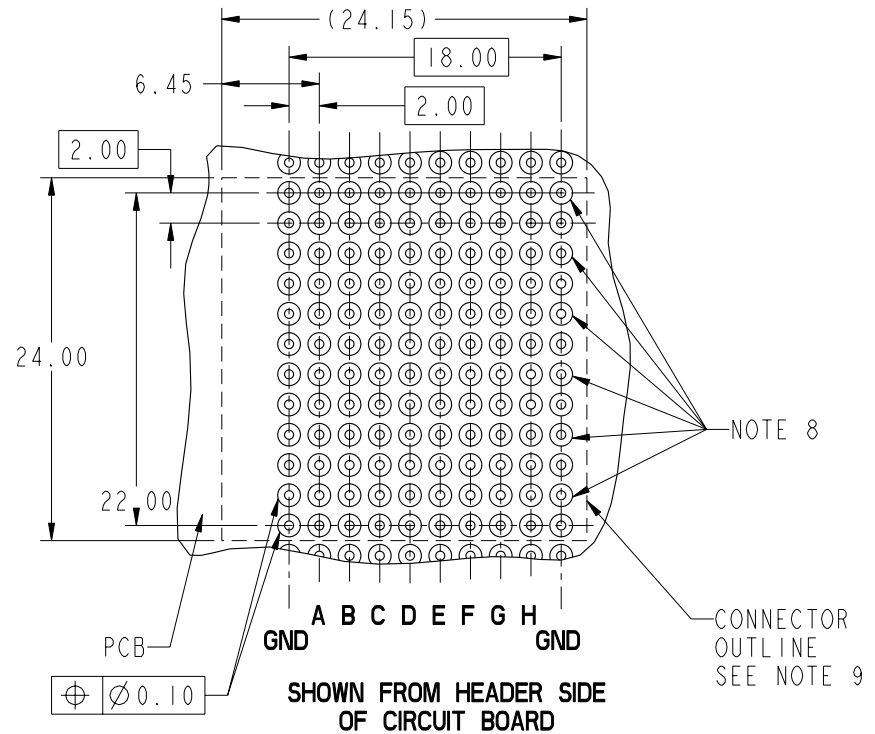


mat'l code SEE NOTE 5				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title VERTICAL SIGNAL HDR SHROUD 8 ROW P.F. 96 POS. EXT.	product family METRAL 1000
A	V90180	L-IV	1999-04-13		0.XX ±0.13				
B	V94091	MRS	1999-11-10		.XXX ±.051				
C	VI2223	EPK	2001-09-17	angles	0° ±2°	MM scale 2:1	A	size 74993	code 213 sheet 1 of 3
D	V05-0797	VS	2005-08-31	dr	E. KROPER. 2001-09-17				
E	V06-0644	DCH	2006-06-12	enr	J. VOLSTORF 2001-09-17				
F	V07-0180	DCH	2007-04-18	chr	J. VOLSTORF 2001-09-17	scale 2:1	A	size 74993	code 213 sheet 1 of 3
G	V08-0046	HTB	2008-01-30	appd	J. VOLSTORF 2001-09-17				
sheet index	revision sheet	G I	G 2	G 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



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

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-V0.
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.



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

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			COPY		title VERTICAL SIGNAL HDR SHROUD 8 ROW P.F. 96 POS. EXT.
G					0.XX ±0.13			projection		
					.XXX ±.051					
				angles	0° ±2°					
				dr	E. KROPER.	2001-09-17	MM		product family METRAL 1000	
				enrg	J. VOLSTORF	2001-09-17			code 213	
				chr	J. VOLSTORF	2001-09-17	scale 2:1		sheet 3	
				appd	J. VOLSTORF	2001-09-17				
sheet index		revision sheet								