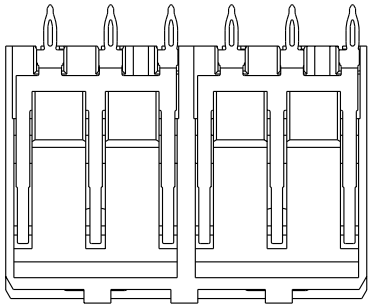
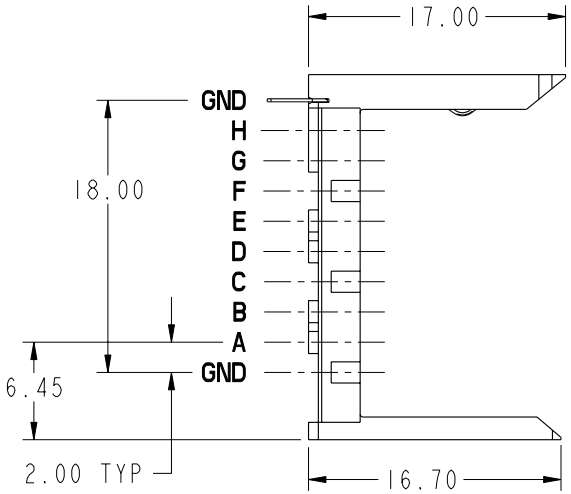
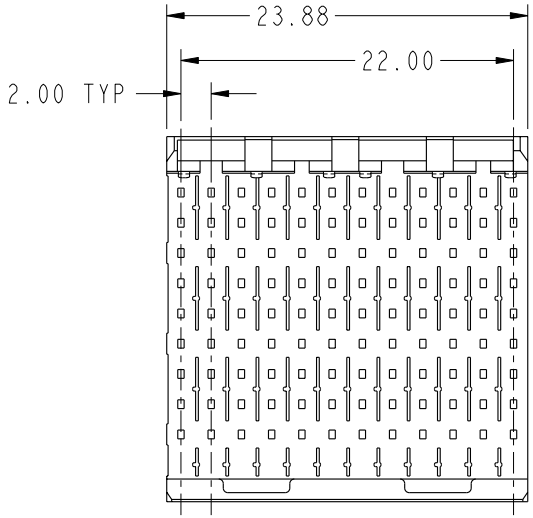
PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	PRESS FIT TAIL PLATING
74993-102	TELCORDIA CO	STANDARD
74993-102LF		LEAD FREE
74993-502	TELCORDIA UE	STANDARD
74993-502LF		LEAD FREE







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

Pro/E

cage code 22526

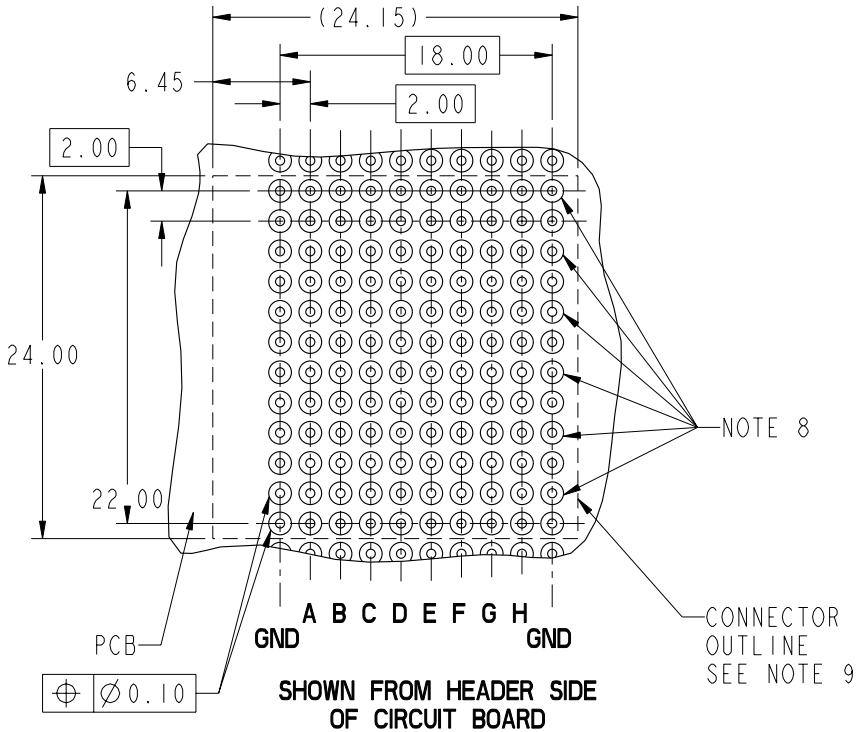
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PRODUCT NUMBER
SEE SHEET 1

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	FCI www.fciconnect.com
ltr	ecn no.	dr	date				COPY	
G				linear	0.X ±0.3		projection	title VERTICAL SIGNAL HDR SHROUD 8 ROW P.F. 96 POS. EXT.
					0.XX ±0.13			
					.XXX ±.051			
				angles	0° ±2°			
				dr	E. KROPER.	2001-09-17	MM	product family METRAL 1000 code 213
				engr	J. VOLSTORF	2001-09-17		
				chr	J. VOLSTORF	2001-09-17	scale 2:1	size A dwg no 74993 sheet 2
				appd	J. VOLSTORF	2001-09-17		
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 95051I-028 FOR "ELECTRICAL PERFORMANCE DATA FOR DIFFERENTIAL APPLICATIONS."

3. SEE FCI PUBLICATION 95051I-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.

mat'l code SEE NOTE 5				tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date				COPY	
G				linear	0.X ±0.3		projection	title VERTICAL SIGNAL HDR SHROUD 8 ROW P.F. 96 POS. EXT.
					0.XX ±0.13			
					.XXX ±.051			
				angles	0° ±2°			
				dr	E. KROPER.	2001-09-17	MM	product family METRAL 1000 code 213
				engr	J. VOLSTORF	2001-09-17		
				chr	J. VOLSTORF	2001-09-17	scale 2:1	size A dwg no 74993 sheet 3
				appd	J. VOLSTORF	2001-09-17		
sheet index	revision sheet							

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