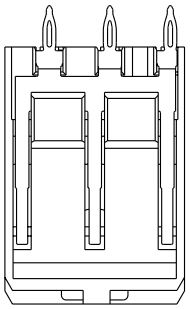
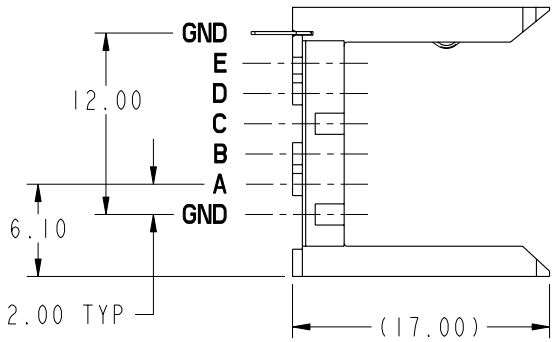
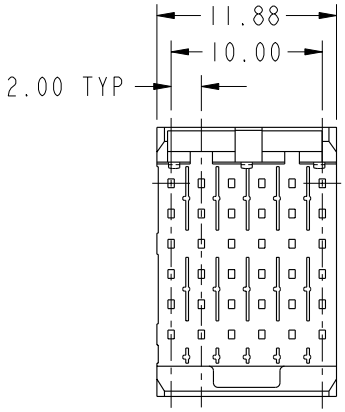
PRODUCT NUMBER	GROUND SPRING CONTACT FINGERS PLATING PERFORMANCE LEVEL	GROUND SPRING PRESS FIT TAIL PLATING
73993-101	TELCORDIA CO	STANDARD (SnPb)
73993-101LF		LEAD FREE (Sn)
73993-501	TELCORDIA UE	STANDARD (SnPb)
73993-501LF		LEAD FREE (Sn)







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mat'l code	SEE NOTE 5			tolerances unless otherwise specified			CUSTOMER	www.fciconnect.com
ltr	ecn no.	dr	date				COPY	
H	V07-0186	DCH	2007-04-23	linear	0.X ±0.3		projection	title: VERTICAL SIGNAL HDR SHROUD 5 ROW P.F. 30 POS. STANDARD
J	V07-0693	HTB	2007-11-26		0.XX ±0.13			
K	V08-0071	HTB	2008-02-08		.XXX ±.051			
-	-	-	-	angles	0° ±2°			
-	-	-	-	dr	E. KROPER.	2001-09-17	MM	product family: METRAL 1000 code: 213
E	V20705	CGD	2002-04-11	engr	J. VOLSTORF	2001-09-17		size: A dwg no: 73993 sheet: 1 of 3
F	V05-0797	VS	2005-08-31	chr	J. VOLSTORF	2001-09-17	scale: 2:1	
G	V06-0544	DCH	2006-06-09	appd	J. VOLSTORF	2001-09-17		
sheet index	revision			K	K	K		
	sheet			1	2	3		

cage code 22526

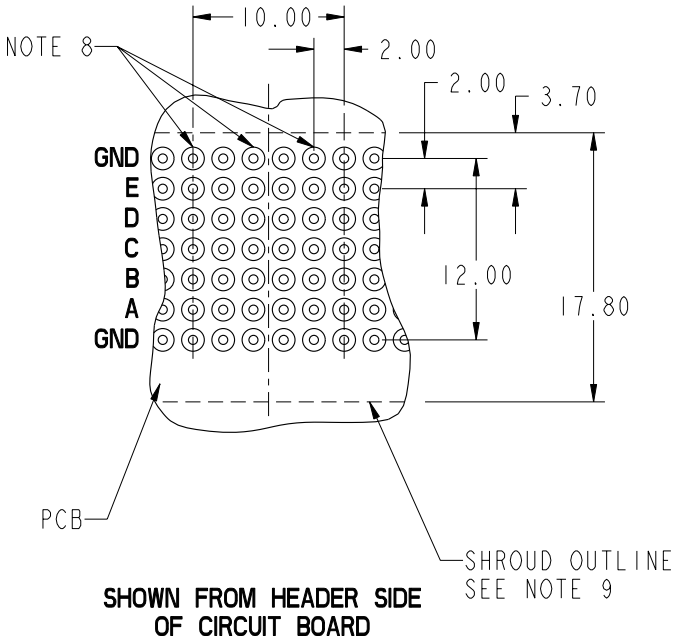
REV E - 2006-04-18

Pro/E

PDM: Rev:K STATUS:Released Printed: Dec 17, 2009

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



SHOWN FROM HEADER SIDE OF CIRCUIT BOARD

mat'l code SEE NOTE 5				tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date				COPY	
K				linear	0.X ±0.3		projection	title VERTICAL SIGNAL HDR SHROUD 5 ROW P.F. 30 POS. STANDARD
					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 73993 sheet 2
				appd	J. VOLSTORF	2001-09-17		
sheet index	revision sheet							

cage code 22526

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REV E - 2006-04-18

Pro/E

PDM: Rev:K STATUS:Released Printed: Dec 17, 2009

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, FLAME RETARDANT PER UL 94-V0.
GROUND SPRING MATERIAL: PHOSPHER BRONZE
STRIPLINE SHIELDED 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 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
FOR LEAD FREE PART NUMBERS, ADD 'LF' SUFFIX EXAMPLE:73993-X01LF

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	
K					0.XX ±0.13		projection	title VERTICAL SIGNAL HDR SHROUD 5 ROW P.F. 30 POS. STANDARD
					.XXX ±.051			
				angles	0° ±2°			
				dr	E. KROPER.	2001-09-17	MM	product family METRAL 1000 code 213
				engr	J. VOLSTORF	2001-09-17		size A dwg no 73993 sheet 3
				chr	J. VOLSTORF	2001-09-17	scale 2:1	
				appd	J. VOLSTORF	2001-09-17		
sheet index	revision sheet							

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