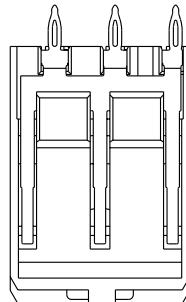
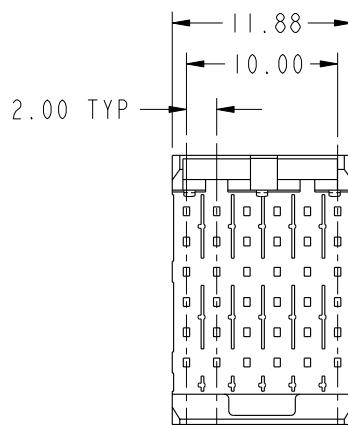
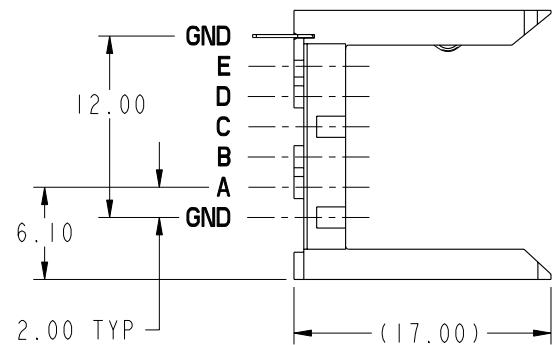


PRODUCT NUMBER	GROUND SPRING CONTACT FINGERS PLATING PERFORMANCE LEVEL	GROUND SPRING EON PRESS FIT TAIL PLATING
84818-1YY	TELCORDIA CO	STANDARD (SnPb)
84818-1YYLF		LEAD FREE (Sn)
84818-3YY	CUSTOMER SPECIAL	STANDARD (SnPb)
84818-3YYLF		LEAD FREE (Sn)
84818-5YY	TELCORDIA UE	STANDARD (SnPb)
84818-5YYLF		LEAD FREE (Sn)



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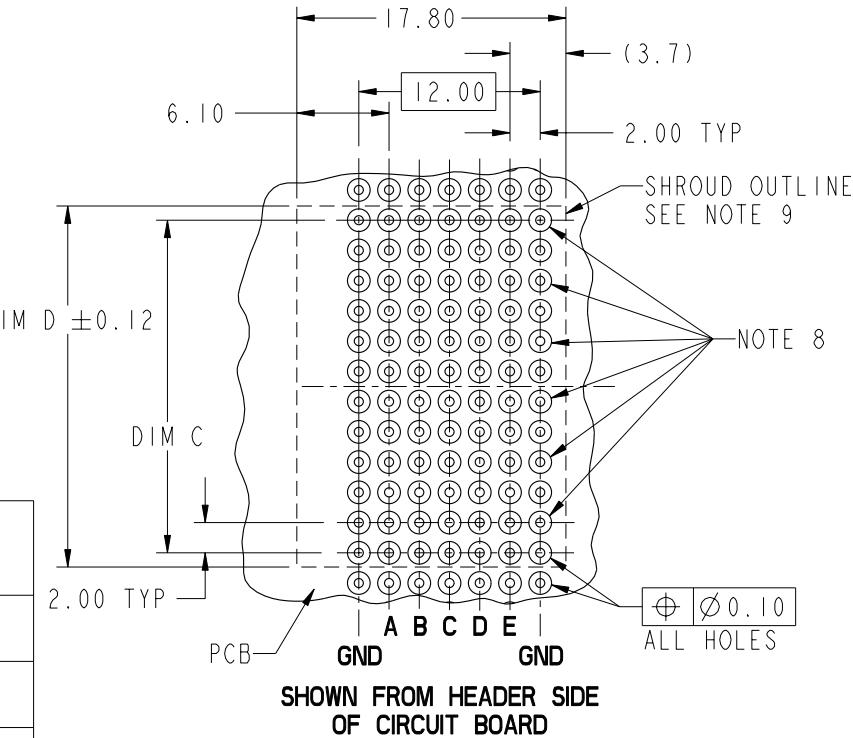
main code				SEE NOTE 5		tolerances unless otherwise specified		CUSTOMER COPY	projection	title	www.fciconnect.com
ltr	ecn no.	dr	date			linear	0.0 ±0.3				
A	V90180	L-IV	1999-03-17				0.00 ±0.13			VERTICAL SIGNAL HDR. SHROUD	
B	V12223	EPK	2001-09-17				.XXX ±.051			5 ROW P.F. 30 POS. STANDARD	
C	V20659	CGD	2002-04-05	angles			0° ±2°				
D	V05-0797	VS	2005-09-01	dr	E, KROPER.	2001-09-17		MM	product family	METRAL 1000	code
E	V06-0659	DCH	2006-06-12	engr	J. VOLSTORF	2001-09-17			size	dwg no	213
F	V08-0073	HTB	2008-02-11	chr	J. VOLSTORF	2001-09-17		scale			
				oppd	J. VOLSTORF	2001-09-17	2:1		A	84818	sheet
											1 of 3
sheet index		revision		F	F	F					
				1	2	3					

PRODUCT NUMBER
SEE SHEET 1

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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



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, 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.

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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: 84818-X0ILF

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mat'l code				SEE NOTE 5			tolerances unless otherwise specified		CUSTOMER COPY	projection	title	FCI		www.fciconnect.com	
ltr	ecn no.	dr	date				0. X ± 0.3	0. XX ± 0.13	XXX ± .051	0° ± 2°	dr	engr	chr	appd	
F							linear								
							angles								
							dr	E, KROPER.	2001-09-17		MM	product family	METRAL 1000	code	
							engr	J. VOLSTORF	2001-09-17		scale	size	dwg no	213	
							chr	J. VOLSTORF	2001-09-17		2:1	A	84818	sheet	3
							appd	J. VOLSTORF	2001-09-17						
				sheet	revision										
				index	sheet										

B

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[84818-101](#) [84818-101LF](#) [84818-501](#) [84818-501LF](#)