

PRODUCT NUMBER
SEE SHEET 1

## NOTES:

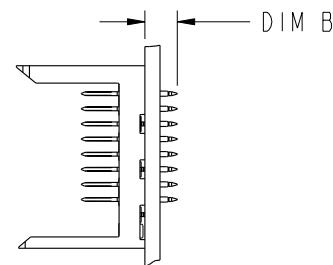
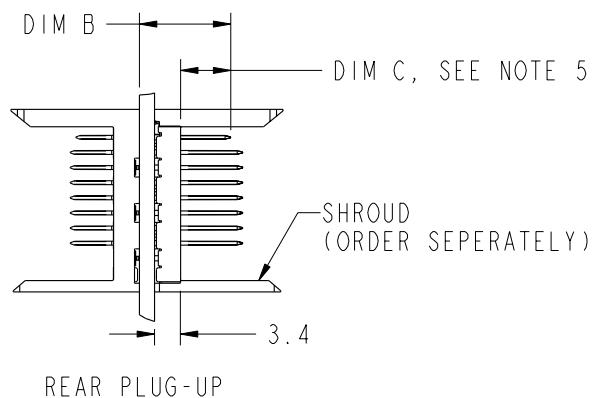
1. SEE APPLICATION SPECIFICATION GS-20-010 FOR INFORMATION ON AVAILABLE TOOLING, CIRCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURES AND PRODUCT OFFERINGS.
2. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994
3. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, 30% GLASS FILLED, FLAME RETARDANT PER UL 94-V0. PIN MATERIAL: PHOSPHER BRONZE
4. PLATING INFORMATION: PLATING ON CONTACT AREA MEETS THE PERFORMANCE LEVELS SHOWN IN TABLE ON SHEET 1. PLATING ON "LF" TAILS IS Sn. PLATING ON ALL OTHER TAILS IS SnPb.
5. DIMENSIONAL RESTRICTIONS OF PINS IN HEADERS.  
DIM A : 5.0mm MIN, 8.0mm MAX FOR ROWS A-H  
DIM C : 5.0mm MIN, 8.0mm MAX FOR ROWS A-H
6. THE MIN PCB THICKNESS FOR REAR PLUG-UP APPLICATIONS IS 1.6mm
7. USE SHROUD 98173-102 FOR REAR PLUG-UP APPLICATIONS.
8. THE 'CONNECTOR 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.

9. CURRENT RATING : 1 AMP PER PIN
10. TEMPERATURE RANGE : -55°C TO +105°C
11. P/N 74771-X02ZZZLF
 
12. PRODUCTS WHERE THE PART NUMBERS ENDS IN A "LF" MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.  
ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
13. FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX.  
EXAMPLE 74771-X02ZZZLF.
14. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
15. PIN TYPE IS AT THE MANUFACTURERS OPTION AND CAN BE EITHER BABY-H OR EYE OF THE NEEDLE STYLE

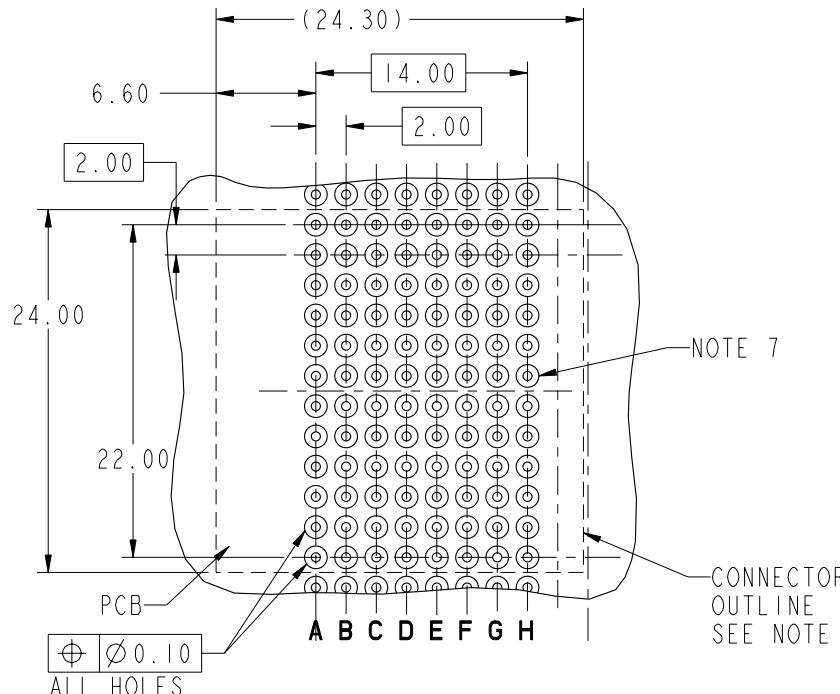
mat'l code				tolerances unless otherwise specified			CUSTOMER COPY	www.fciconnect.com
ltr	ecn no.	dr	date	linear	0.0 ±0.3	projection		
S					0.00 ±0.13			
					.000 ±.051			
					0° ±2°			
				dr	E. KROPER. 2001-01-15	MM	product family	METRAL code
				engr	J. VOLSTORF 2001-01-15		size	dwg no
				chr	J. VOLSTORF 2001-01-15	scale		
				appd	J. VOLSTORF 2001-01-15	1:1	A	74771
		sheet	revision					
		index	sheet					

PRODUCT NUMBER  
SEE SHEET 1

PRESS-FIT HOLES	OPTION I
HOLE DIAMETER AFTER PLATING	$\varnothing$ 0.65-0.80
DRILLED HOLE	$\varnothing$ 0.81-0.86 ( $\varnothing$ 0.85 DRILL)
COPPER PLATING	0.025 MIN
SnPb PLATING	0.005-0.015



## STUB MOUNT



#### RECOMMENDED PCB HOLE PATTERN

(COMPONENT SIDE

SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

mat'l code SEE NOTE 3				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
Itr	ecn no.	dr	date	linear	0. X ± 0.3				COPY
S				linear	0. XX ± 0.13	projection	title VERTICAL SIGNAL HDR 8 ROW		
					. XXX ± .051		P. F. 96 POS. SPECIAL LOAD STD.		
				angles	0° ± 2°				
		dr	E. KROPER.	2001-01-15		MM	product family METRAL		code
		engr	J. VOLSTORF	2001-01-15			size	dwg no	213
		chr	J. VOLSTORF	2001-01-15		scale			sheet
		oppd	J. VOLSTORF	2001-01-15		1 : 1	A 74771		3 of 5
sheet		revision							
index		sheet							

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SPECIAL LOAD PATTERNS			SPECIAL LOAD PATTERNS			SPECIAL LOAD PATTERNS		
PRODUCT #	ROW	PIN #	PRODUCT #	ROW	PIN #	PRODUCT #	ROW	PIN #
74771-X02001 SEE NOTE 13 LEAD FREE OPTION	01	H	74771-X02018 *RPU SEE NOTE 13 LEAD FREE OPTION	10	H	74771-X02041 SEE NOTE 13 LEAD FREE OPTION	19	H
		G			G			G
		F			F			F
		E			E			E
		D			D			D
		C			C			C
		B			B			B
		A			A			A
		GND			GND			GND
		-			-			-
74771-X02004 *RPU SEE NOTE 13 LEAD FREE OPTION	05	H	74771-X02021 SEE NOTE 13 LEAD FREE OPTION	03	H	74771-X02042 *RPU SEE NOTE 13 LEAD FREE OPTION	06	H
		G			G			G
		F			F			F
		E			E			E
		D			D			D
		C			C			C
		B			B			B
		A			A			A
		GND			GND			GND
		-			-			-
74771-X02011 SEE NOTE 13 LEAD FREE OPTION	02	H	74771-X02023 *RPU SEE NOTE 13 LEAD FREE OPTION	32	H	74771-X02043 SEE NOTE 13 LEAD FREE OPTION	07	H
		G			G			G
		F			F			F
		E			E			E
		D			D			D
		C			C			C
		B			B			B
		A			A			A
		GND			GND			GND
		-			-			-
74771-X02012 *RPU SEE NOTE 13 LEAD FREE OPTION	44	H	74771-X02031 SEE NOTE 13 LEAD FREE OPTION	04	H	74771-X02044 SEE NOTE 13 LEAD FREE OPTION	08	H
		G			G			G
		F			F			F
		E			E			E
		D			D			D
		C			C			C
		B			B			B
		A			A			A
		GND			GND			GND
		-			-			-

\* REAR PLUG-UP PART NUMBER

mat'l code SEE NOTE 3				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0. X ± 0.3				
S				linear	0. XX ± 0.13	projection	title VERTICAL SIGNAL HDR 8 ROW		
				angles	. XXX ± .051		P. F. 96 POS. SPECIAL LOAD STD.		
				angles	0° ± 2°	MM	product family METRAL		code
		dr	E. KROPER 2001-01-15	engr	J. VOLSTORF 2001-01-15		scale	size	dwg no
		chr	J. VOLSTORF 2001-01-15	appd	J. VOLSTORF 2001-01-15	A 74771		sheet	
sheet	revision								5 of 5
index	sheet								

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