

PDM: Rev:X

STATUS: Released

Printed: May 14, 2011

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	PIN NO.	DIM A MATING LENGTH	TAIL	PCB THICKNESS RANGE ACCOMMODATED BY PIN'S TAIL LENGTH		PIN NO.	DIM A MATING LENGTH	DIM B TAIL LENGTH	PCB THICKNESS ACCOMMODATED BY	RANGE PIN LENGTH			
				ROWS A,B,C,D,E,F,G,& H					ROWS A,B,C,D,E	,F,G & H			
	0 *		4.30	I.60 MIN		04*		4.30	1.60 MI				
	22		12.20	2.95 - 3.80		46		12.20	2.95 - 3.				
	30		12.95	2.95 - 4.55		33		12.95	2.95 - 4.				
	0.5	F 00	13.70	2.95 - 5.30		08	7 05	13.70	2.95 - 5.				
	35 48	5.00	14.45	3.05 - 6.05 3.80 - 6.80		38 51	7.25	14.45	3.05 - 6.				
	40		15.70	4.30 - 7.30		42	{	15.20	3.80 - 6. 4.30 - 7.				
	65		16.40	5.00 - 8.00		67	-	16.40	5.00 - 8.				
	09		17.10	5.70 - 8.70		12	1	17.10	5.70 - 8.				
	02*		4.30	1.60 MIN		19*		4.30	1.60 MI				
	44		12.20	2.95 - 3.80		47	1	12.20	2.95 - 3.				
	31		12.95	2.95 - 4.55	34	1	12.95	2.95 - 4.					
	06	06 36 49 5.75 14.	13.70	2.95 - 5.30		20	1	13.70	2.95 - 5.				
	36		14.45	3.05 - 6.05		39	8.00	14.45	3.05 - 6.				
			15.20	3.80 - 6.80		52		15.20	3.80 - 6.	80			
	25		15.70	4.30 - 7.30	43		15.70	4.30 - 7.					
А	66		16.40	5.00 - 8.00		68		16.40	5.00 - 8.				А
	10		17.10	5.70 - 8.70		21		17.10	5.70 - 8.	70			
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	41		15.70	4.30 - 7.30									
<u>-</u> :	24		16.40	5.00 - 8.00									
f FC	11		17.10	5.70 - 8.70									
This document is the property of and embodies CONFIDENTIAL and ROPRIETARY 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.		* S	TUB PI	NS - NO REAR PLUG-UP	mat'l code SEE NOTE Itr ecn no. dr X sheet revision	3 date	linear angles dr E engr J chr RA	. VOLSTORF JKRISHNAN.V	0.3 COPY 0.13 projection	'	www.fci AL SIGNAL HDR POS. SELECT L y METRAL	connect.com 8 ROW OAD EXT. code 2 1 3 sheet 2	
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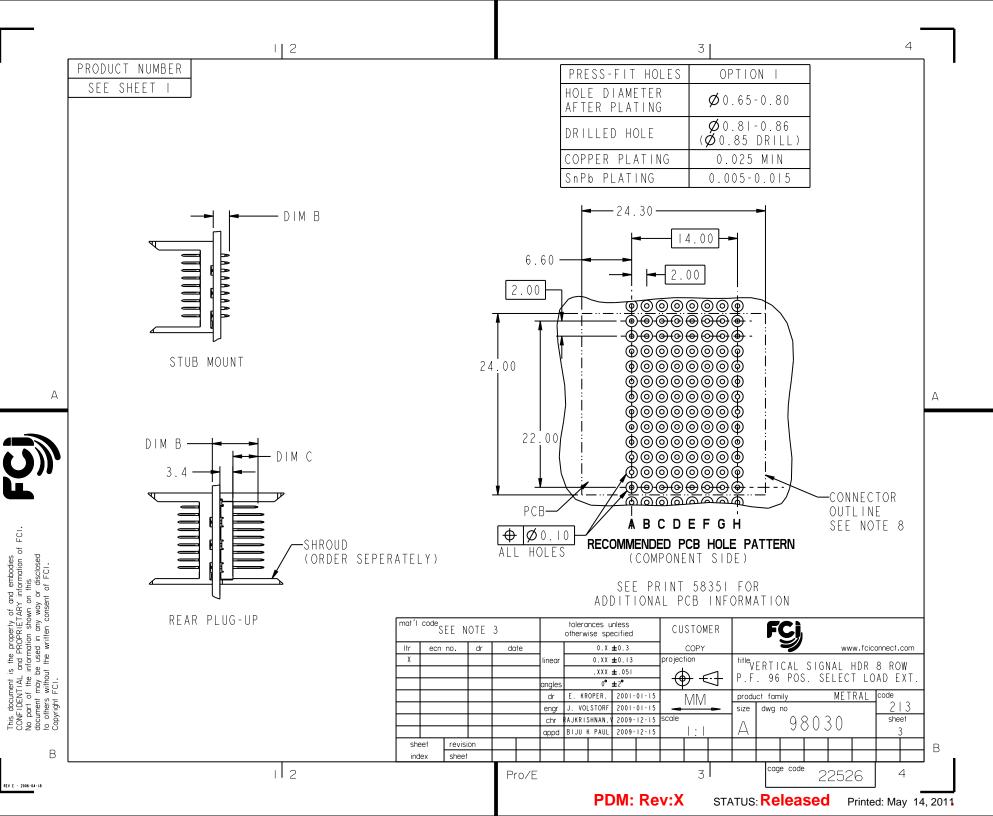
3 PDM: Rev:X STATUS: Released

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REV E - 2006-04-18

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3 | MFTRAL CONTACT CODE MFTRAL

CONTACT CODE METRAL CONTACT CODE METRAL METRAL P/N P/N P/N 6 5 6 7 8 9 10 1 4 9 10 11 12 5 6 7 8 03 03 03 03 03 H 01 0.3 G 04 04 04 04 04 04 04 04 04 04 G 01 02 98030-X00 98030-X005 98030-X009 SEE NOTE I SEE NOTE 13 SEE NOTE I D LEAD FREE LEAD FREE LEAD FREE OPTION OPTION OPTION B 01 03 A 03 03 03 0.3 03 03 03 GND CONTACT CODE METRAL CONTACT CODE CONTACT CODE METRAL METRAL P/N P/N P/N 9 10 04 04 G 03 03 03 03 03 F 03 03 04 04 02 02 02 02 98030-X006 98030-X002 98030-X01 02 02 SEE NOTE 13 Ε 04 04 02 SEE NOTE SEE NOTE 02 02 LEAD FREE 04 04 LEAD FREE LEAD FREE OPTION 03 03 03 OPTION OPTION В 04 04 04 04 04 04 04 03 04 04 02 В 03 03 04 04 A 04 04 04 04 04 0.4 04 04 02 02 02 02 03 03 03 03 03 03 03 01 GND GND CONTACT CODE CONTACT CODE CONTACT CODE METRAL METRAL METRAL P/N P/N P/N 5 6 10 11 12 4 5 6 7 8 9 10 11 6 04 04 04 04 04 04 04 37 37 37 Н G 37 37 0.3 08 08 37 37 98030-X007 98030-X0I 98030-X003 *RPU SEE NOTE SEE NOTE SEE NOTE 02 LEAD FREE LEAD FREE 08 08 06 06 06 LEAD FREE C 06 06 37 03 03 03 0.3 OPTION OPTION OPTION В В 04 04 04 04 80 В 37 37 37 37 37 37 37 37 04 04 04 04 04 07 08|08|06| 06 06 06 06 30 37 37 37 37 37 37 37 37 37 37 A 04 0.4 04 04 04 04 04 04 04 08 GND GND METRAL CONTACT CODE METRAL CONTACT CODE METRAL CONTACT CODE P/N P/N P/N 4 5 6 7 8 10 11 12 3 ROW 7 8 9 4 02 02 Н 01 01 01 01 01 G G 01 01 01 01 01 98030-X008 98030-X012 98030-X004 02 02 01 SEE NOTE I SEE NOTE 13 SEE NOTE 13 D D LEAD FREE LEAD FREE LEAD FREE C 01 101 01 01 01 OPTION OPTION OPTION В ΒΙ 01 01 01 01 01 01 01 01 Α 01 01 01 01 01 01 01 mat'l code SEE NOTE 3 tolerances unless CUSTOMER otherwise specified ecn no. dr date 0.X ±0.3 COPY www.fciconnect.com * REAR PLUG-UP PART NUMBER 0.XX ±0.13 projection linear title VERTICAL SIGNAL HDR 8 ROW XXX ±.051 P.F. 96 POS. SELECT LOAD EXT 0° ±2° METRAL code E. KROPER. 2001-01-15 dr MM product family engr VOLSTORE 2001-01-15 size dwg no RAJKRISHNAN. V 2009-12-15 sheet chr 98030 BIJU K PAUL 2009-12-15 Λ bago revision sheet sheet

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*REAR PLUG-UP PART NUMBER

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PRODUCT NUMBER SEE SHEET

NOTES:

- I. 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
- HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, 30% GLASS FILLED, FLAME RETARDANT PER UL 94-VO. PIN MATERIAL: PHOSPHER BRONZE
- 4. PLATING ON CONTACT AREAS PER PERFORMANCE LEVELS SHOWN IN TABLE ON SHEET I. 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 I 6mm
- 7. USE SHROUD 98173-102 FOR REAR PLUG-UP APPLICATIONS.
- 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 : I AMP PER PIN
- 10. TEMPERATURE RANGE : -55°C TO +105°C
- II. P/N 98030-XYYYLF - LEAD FREE (OPTIONAL) SELECT LOAD PATTERN - PLATING CODE
- 12. PRODUCTS WHERE THE PART NUMBERS ENDS IN "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.

- FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX. EXAMPLE: 98030-XYYYLF
- PIN TYPE IS AT THE MANUFACTURERS OPTION AND CAN BE EITHER BABY-H OR EYE OF THE NEEDLE STYLE

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