

4 1|2 3 | PCB THICKNESS RANGE ACCOMMODATED BY PIN'S TAIL LENGTH PIN CODE DIM A MATING DIM B TAIL WHEN MATING TO A 74981 SERIES METRAL 1000 RECEPTACLE WHEN MATING TO A 52066 SERIES METRAL 4000 RECEPTACLE LENGTH LENGTH ROWS A,B,C, D,E,F,G & H ROW C & F GROUND ROW ROWS:A,B,D,E,G & H GROUND ROW 1.60 MIN 1.60 MIN 01* 4.30 1.60 MIN 1.60 MIN 1.60 MIN 2.95 - 3.80 2.95 - 4.55 2.95 - 4.20 22 12.20 2.95 - 4.20 2.95 - 3.80 2.95 - 3.80 30 12.95 3.25 - 4.95 2 95 - 4 55 3.25 - 4.95 2 95 - 4 55 05 13.70 2.95 - 5.30 4.00 - 5.70 3.30 - 5.30 2.95 - 5.30 4.00 - 5.70 35 14.45 3.05 - 6.05 4.75 - 6.45 4.05 - 6.05 3.05 4.75 - 6.45 - 6.05 4.80 - 6.80 3.80 - 6.80 48 15.20 5.50 - 7.20 3.80 - 6.80 5.50 - 7.20 40 15.70 4.30 - 7.30 6.00 - 7.70 5.30 - 7.30 4.30 - 7.30 6.00 - 7.70 65 16.40 5.00 - 8.00 6.70 - 8.40 6.00 - 8.00 6.70 - 8.40 5.00 - 8.00 6.70 - 8.70 5.70 - 8.70 7.40 - 9.10 09 17.10 5.70 - 8.70 7.40 - 9.10 02* 4.30 1.60 MIN 1.60 MIN I.60 MIN 1.60 MIN I.60 MIN 2.95 - 3.80 2.95 - 4.55 44 12.20 2.95 - 3.80 2.95 - 4.20 2.95 - 3.80 2.95 - 4.20 2.95 - 4.55 31 12.95 2.95 - 4.55 3.25 - 4.95 3.25 - 4.95 06 13.70 2.95 - 5.30 4.00 - 5.70 3.30 - 5.30 2.95 - 5.30 4.00 - 5.70 36 5.75 4.75 - 6.45 14.45 3.05 - 6.05 4.75 - 6.45 4.05 - 6.05 3.05 - 6.05 49 15.20 3.80 - 6.80 5.50 - 7.20 4.80 - 6.80 3.80 - 6.80 5.50 - 7.20 2.5 15.70 4.30 - 7.30 6.00 - 7.70 5.30 - 7.30 4.30 - 7.30 6.00 - 7.70 Δ 66 6.70 - 8.40 6.00 - 8.00 5.00 - 8.00 16.40 5.00 - 8.00 6.70 - 8.40 6.70 - 8.70 10 17.10 5.70 - 8.70 7.40 - 9.10 5.70 - 8.70 7.40 - 9.10 03* I.60 MIN 4.30 1.60 MIN 1.60 MIN 1.60 MIN 1.60 MIN 45 12.20 2.95 - 3.80 2.95 - 4.20 2.95 - 3.80 2.95 - 3.80 2.95 - 4.20 32 12.95 2.95 - 4.55 3.25 - 4.95 2.95 - 4.55 2.95 - 4.55 3.25 - 4.95 07 13.70 2.95 - 5.30 4.00 - 5.70 3.30 - 5.30 2.95 - 5.30 4.00 - 5.70 37 6.50 14.45 3.05 - 6.05 4.75 - 6.45 4.05 - 6.05 3.05 - 6.05 4.75 - 6.45 50 15.20 3.80 - 6.80 5.50 - 7.20 4.80 - 6.80 3.80 - 6.80 5.50 - 7.20 4 | 15 70 4.30 - 7.30 6.00 - 7.705.30 - 7.30 4.30 - 7.30 6.00 - 7.70 This document is the property of and entabodies COHELLALL AND ARCHRETARE information of FCI. We 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. 24 16.40 5.00 - 8.00 6.70 - 8.40 6.00 - 8.00 5.00 - 8.00 6.70 - 8.40 17.10 5.70 - 8.70 7.40 - 9.10 6.70 - 8.70 5.70 - 8.70 7.40 - 9.10 mot'l code SEE NOTE 5 tolerances unless otherwise specified FÇj CUSTOMER ltr dr 0.X ±0.3 COPY date title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT .XXX ±.051 \bigoplus * STUB PINS - NO REAR PLUG-UP product family METRAL 2000 code 213 dr E. KROPER. 2001-01-15 MM THE GREATEST RANGE OCCURS WHEN THE B VOLSTORF 2001-01-15 dwg no engr J. 63741 DIMENSION OF PIN 'GND' IS ONE SIZE chr J. VOLSTORF 2001-01-15 S Д appd J. VOLSTORF 2001-01-15 SHORTER THEN THE OTHER PINS. В index sheet 1/2 cage code 4 Pro/E 22526

PDM: Rev:T

STATUS: Released

Printed: Dec 17, 2009

mot'l code



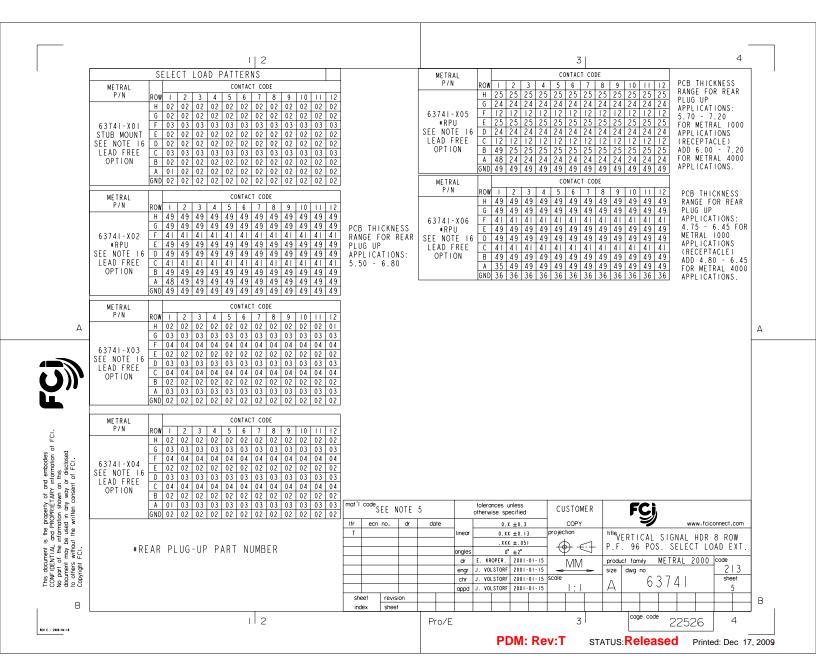
* STUB PINS - NO REAR PLUG-UP

** THE GREATEST RANGE OCCURS WHEN THE B DIMENSION OF PIN 'GND' IS ONE SIZE SHORTER THEN THE OTHER PINS.

SEE NOTE 5						tolerances unless otherwise specified					CUSTOMER				F	Sj						
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[1	.XXX ±.051				\tau \ \tau \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		P.F. 96 POS. SELECT LOAD EXT.								
						angles			0° ±2°							F.F. 30 FOS. SELECT LOAD EXT.						
l						dr	E. KROPER. 2001-0			-01-15	MM			product family METRAL 2000 code								
							engr	J. VO	J. VOLSTORF		2001-01-15		-			dwg no					213	
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mat'l code SEE NOTE 5

sheet

Pro/E

index

1|2

NOTES:
I. SEE APPLICATION SPECIFICATION GS-20-010 FOR INFORMATION

8. THE MIN PCB THICKNESS FOR REAR PLUG-UP APPLICATIONS IS 2.9mm SINCE THE COMPLAINT SECTIONS OF THE GROUND SPRING OF THE HEADER DIRECTLY OPPOSE THE GROUND SPRING OF THE SHROUD. THE MIN PCB THICKNESS FOR FRONT PLUG-UP ONLY APPLICATIONS IS 1.6mm.

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ON AVAILABLE TOOLING, CIRCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURES AND PRODUCT OFFERINGS.

PRODUCT NUMBER SEE SHEET I

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title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT

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THESE HOLES ARE NEEDED FOR REAR PLUG-UP DESIGNS USING A SHROUD AND MAY BE OMITTED FOR FRONT PLUG-UP ONLY DESIGNS.

(6) FOR LEAD FREE PART NUMBERS ADD 'LF' SUFFIX. EXAMPLE: 63741-XYYLF

tolerances unless

ongles 0° ±2° dr E. KROPER. 2001-01-15

0.X ±0.3 0.XX ±0.13

.XXX ±.051

7 PIN TYPE IS AT THE MANUFACTURERS OPTION AND CAN BE EITHER BABY-H OR EYE OF THE NEEDLE STYLE

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MM

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