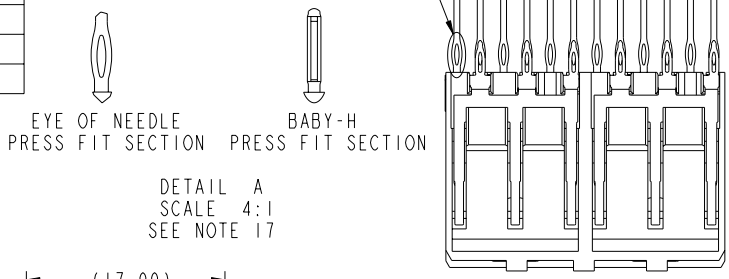
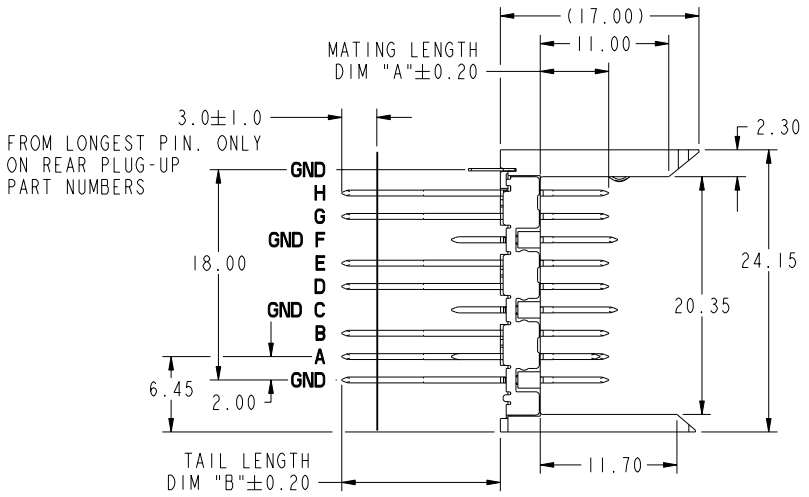
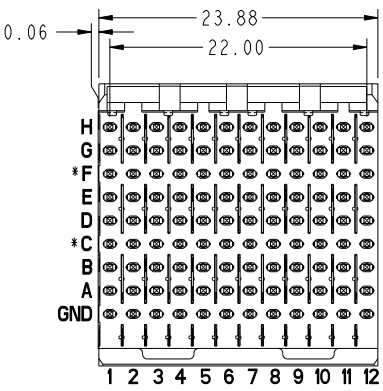
PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	APPLICATION
63741-1YY	TELCORDIA CO	STANDARD
63741-1YYLF		LEAD FREE
63741-5YY	TELCORDIA UE	STANDARD
63741-5YYLF		LEAD FREE



DETAIL A
SCALE 4:1
SEE NOTE 17





*ROW C AND F INFORMATION

ODD NUMBER COLUMNS WITHIN ROW C & F ARE COMMONED TO GROUND INTERNALLY WITHIN THE HOUSING. THE EVEN NUMBER COLUMNS WITHIN ROW C & F ARE NOT. FOR MAXIMUM PERFORMANCE IT IS RECOMMENDED THESE EVEN COLUMNS BE GROUND COMMONED WITHIN PCB. SEE NOTE 14

ltr	ecn no.	dr	date
P	V06-0498	DCH	2006-05-30
R	V07-0181	DCH	2007-04-20
S	V08-0010	HTB	2008-01-07
T	V08-0023	LP	2008-1-23
-	-	-	-
M	V03-1156	TAB	2003-10-31
N	V05-0814	VS	2005-09-21

sheet	revision							
index	sheet	1	2	3	4	5	6	

mat'l code: SEE NOTE 5

tolerances unless otherwise specified		
	0.X ±0.3	
linear	0.XX ±0.13	
	.XXX ±.051	
angles	0° ±2°	
dr	E. KROPER.	2001-01-15
engr	J. VOLSTORF	2001-01-15
chr	J. VOLSTORF	2001-01-15
appd	J. VOLSTORF	2001-01-15

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projection

MM

scale 1:1

FCI www.fciconnect.com

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

product family: METRAL 2000 | code: 213

size: A | dwg no: 63741 | sheet: 1 of 6

cage code: 22526

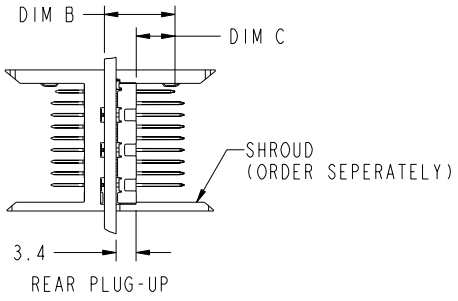
REV E - 2006-04-18

Pro/E

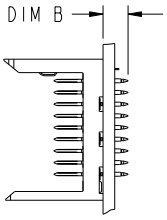
PDM: Rev:T STATUS:Released Printed: Dec 17, 2009

PRODUCT NUMBER
SEE SHEET 1

PRESS-FIT HOLES	OPTION 1
HOLE DIAMETER AFTER PLATING	Ø0.65-0.80
DRILLED HOLE	Ø0.81-0.86 (Ø0.85 DRILL)
COPPER PLATING	0.025 MIN
SnPb PLATING	0.005-0.015

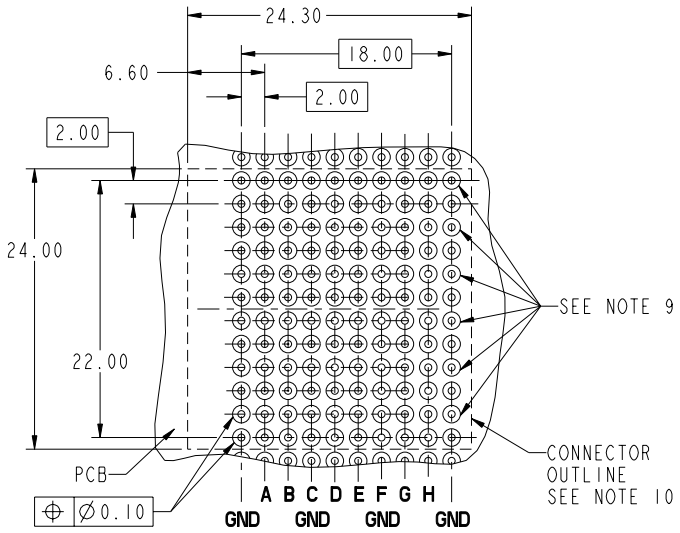


REAR PLUG-UP



STUB MOUNT

SEE PRINT 58351 FOR ADDITIONAL PCB INFORMATION



RECOMMENDED PCB HOLE PATTERN
(COMPONENT SIDE)

mat'l code	SEE NOTE 5			tolerances unless otherwise specified		
ltr	ecn no.	dr	date	linear	0.X ±0.3	
T					0.XX ±0.13	
					.XXX ±.051	
				angles	0° ±2°	
				dr	E. KROPER.	2001-01-15
				engr	J. VOLSTORF	2001-01-15
				chr	J. VOLSTORF	2001-01-15
				appd	J. VOLSTORF	2001-01-15

sheet index	revision sheet

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projection

MM

scale 1:1

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

product family: METRAL 2000 | code: 213

size: A | dwg no: 63741 | sheet: 2

cage code: 22526

Pro/E

PDM: Rev:T STATUS:**Released** Printed: Dec 17, 2009

PIN CODE NO.	DIM A MATING LENGTH	DIM B TAIL LENGTH	PCB THICKNESS RANGE ACCOMMODATED BY PIN'S TAIL LENGTH				
			WHEN MATING TO A 74981 SERIES METRAL 1000 RECEPTACLE		WHEN MATING TO A 52066 SERIES METRAL 4000 RECEPTACLE		
			ROWS A,B,C, D,E,F,G & H	GROUND ROW	ROWS:A,B,D,E,G & H	ROW C & F	GROUND ROW
01*		4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
22		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
30		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
05		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
35	5.00	14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
48		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	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	5.00 - 8.00	6.70 - 8.40
09		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10
02*		4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
44		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
31		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	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	14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
49		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
25		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
66		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
10		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10
03*		4.30	1.60 MIN	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
41		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
24		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
11		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10

* 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.

mat'l code	SEE NOTE 5	tolerances unless otherwise specified	CUSTOMER
		linear 0.X ±0.3 / 0.XX ±0.13 / .XXX ±.051	COPY
		angles 0° ±2°	projection
		dr E. KROPER. 2001-01-15	MM
		engr J. VOLSTORF 2001-01-15	scale 1:1
		chr J. VOLSTORF 2001-01-15	
		appd J. VOLSTORF 2001-01-15	

ltr	ecn no.	dr	date
T			

sheet index | revision sheet

FCI www.fciconnect.com

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

product family: METRAL 2000 | code: 213

size: A | dwg no: 63741 | sheet: 3

cage code: 22526

Pro/E

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

PIN NO.	DIM A MATING LENGTH	DIM B TAIL LENGTH	PCB THICKNESS RANGE ACCOMMODATED BY PIN LENGTH				
			WHEN MATING TO A 74981 SERIES METRAL 1000 RECEPTACLE		WHEN MATING TO A 52066 SERIES METRAL 4000 RECEPTACLE		
			ROWS A,B,C, D,E,F,G & H	GROUND ROW	ROWS:A,B,D,E,G & H	ROW C & F	GROUND ROW
04*	7.25	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
46		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
33		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
08		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
38		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
51		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
42		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
67		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
12		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10
19*	8.00	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
47		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
34		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
20		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
39		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
52		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
43		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
68		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
21		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10

* 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.

mat'l code	SEE NOTE 5	tolerances unless otherwise specified	CUSTOMER
			COPY
			projection
			MM
			scale 1:1

ltr	ecn no.	dr	date
T			

linear	0.X ±0.3	
	0.XX ±0.13	
	.XXX ±.051	
angles	0° ±2°	
dr	E. KROPER.	2001-01-15
engr	J. VOLSTORF	2001-01-15
chr	J. VOLSTORF	2001-01-15
appd	J. VOLSTORF	2001-01-15

sheet	revision
index	sheet

www.fciconnect.com

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

product family: METRAL 2000 | code: 213

size: A | dwg no: 63741 | sheet: 4

cage code: 22526

Pro/E

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

SELECT LOAD PATTERNS

METRAL P/N	ROW	CONTACT CODE 1	2	3	4	5	6	7	8	9	10	11	12
63741-X01 STUB MOUNT SEE NOTE 16 LEAD FREE OPTION	H	02	02	02	02	02	02	02	02	02	02	02	02
	G	02	02	02	02	02	02	02	02	02	02	02	02
	F	03	03	03	03	03	03	03	03	03	03	03	03
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	02	02	02	02	02	02	02	02	02	02	02	02
	C	03	03	03	03	03	03	03	03	03	03	03	03
	B	02	02	02	02	02	02	02	02	02	02	02	02
	A	01	02	02	02	02	02	02	02	02	02	02	02
	GND	02	02	02	02	02	02	02	02	02	02	02	02

METRAL P/N	ROW	CONTACT CODE 1	2	3	4	5	6	7	8	9	10	11	12
63741-X02 *RPU SEE NOTE 16 LEAD FREE OPTION	H	49	49	49	49	49	49	49	49	49	49	49	49
	G	49	49	49	49	49	49	49	49	49	49	49	49
	F	41	41	41	41	41	41	41	41	41	41	41	41
	E	49	49	49	49	49	49	49	49	49	49	49	49
	D	49	49	49	49	49	49	49	49	49	49	49	49
	C	41	41	41	41	41	41	41	41	41	41	41	41
	B	49	49	49	49	49	49	49	49	49	49	49	49
	A	48	49	49	49	49	49	49	49	49	49	49	49
	GND	49	49	49	49	49	49	49	49	49	49	49	49

PCB THICKNESS RANGE FOR REAR PLUG UP APPLICATIONS: 5.50 - 6.80

METRAL P/N	ROW	CONTACT CODE 1	2	3	4	5	6	7	8	9	10	11	12
63741-X03 SEE NOTE 16 LEAD FREE OPTION	H	02	02	02	02	02	02	02	02	02	02	02	01
	G	03	03	03	03	03	03	03	03	03	03	03	03
	F	04	04	04	04	04	04	04	04	04	04	04	04
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	03	03	03	03	03	03	03	03	03	03	03	03
	C	04	04	04	04	04	04	04	04	04	04	04	04
	B	02	02	02	02	02	02	02	02	02	02	02	02
	A	03	03	03	03	03	03	03	03	03	03	03	03
	GND	02	02	02	02	02	02	02	02	02	02	02	02

METRAL P/N	ROW	CONTACT CODE 1	2	3	4	5	6	7	8	9	10	11	12
63741-X04 SEE NOTE 16 LEAD FREE OPTION	H	02	02	02	02	02	02	02	02	02	02	02	02
	G	03	03	03	03	03	03	03	03	03	03	03	03
	F	04	04	04	04	04	04	04	04	04	04	04	04
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	03	03	03	03	03	03	03	03	03	03	03	03
	C	04	04	04	04	04	04	04	04	04	04	04	04
	B	02	02	02	02	02	02	02	02	02	02	02	02
	A	01	03	03	03	03	03	03	03	03	03	03	03
	GND	02	02	02	02	02	02	02	02	02	02	02	02

*REAR PLUG-UP PART NUMBER

METRAL P/N	ROW	CONTACT CODE 1	2	3	4	5	6	7	8	9	10	11	12
63741-X05 *RPU SEE NOTE 16 LEAD FREE OPTION	H	25	25	25	25	25	25	25	25	25	25	25	25
	G	24	24	24	24	24	24	24	24	24	24	24	24
	F	12	12	12	12	12	12	12	12	12	12	12	12
	E	25	25	25	25	25	25	25	25	25	25	25	25
	D	24	24	24	24	24	24	24	24	24	24	24	24
	C	12	12	12	12	12	12	12	12	12	12	12	12
	B	49	25	25	25	25	25	25	25	25	25	25	25
	A	48	24	24	24	24	24	24	24	24	24	24	24
	GND	49	49	49	49	49	49	49	49	49	49	49	49

PCB THICKNESS RANGE FOR REAR PLUG UP APPLICATIONS: 5.70 - 7.20 FOR METRAL 1000 APPLICATIONS (RECEPTACLE) ADD 6.00 - 7.20 FOR METRAL 4000 APPLICATIONS.

METRAL P/N	ROW	CONTACT CODE 1	2	3	4	5	6	7	8	9	10	11	12
63741-X06 *RPU SEE NOTE 16 LEAD FREE OPTION	H	49	49	49	49	49	49	49	49	49	49	49	49
	G	49	49	49	49	49	49	49	49	49	49	49	49
	F	41	41	41	41	41	41	41	41	41	41	41	41
	E	49	49	49	49	49	49	49	49	49	49	49	49
	D	49	49	49	49	49	49	49	49	49	49	49	49
	C	41	41	41	41	41	41	41	41	41	41	41	41
	B	49	49	49	49	49	49	49	49	49	49	49	49
	A	35	49	49	49	49	49	49	49	49	49	49	49
	GND	36	36	36	36	36	36	36	36	36	36	36	36

PCB THICKNESS RANGE FOR REAR PLUG UP APPLICATIONS: 4.75 - 6.45 FOR METRAL 1000 APPLICATIONS (RECEPTACLE) ADD 4.80 - 6.45 FOR METRAL 4000 APPLICATIONS.

mat'l code	SEE NOTE 5			tolerances unless otherwise specified		
ltr	ecn no.	dr	date	linear	0.X ±0.3	
T					0.XX ±0.13	
					.XXX ±.051	
				angles	0° ±2°	
				dr	E. KROPER.	2001-01-15
				engr	J. VOLSTORF	2001-01-15
				chr	J. VOLSTORF	2001-01-15
				appd	J. VOLSTORF	2001-01-15
sheet index	revision sheet					

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projection

MM

scale 1:1

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

product family: METRAL 2000 | code: 213

size: A | dwg no: 63741 | sheet: 5

cage code: 22526

Pro/E

REV E - 2006-04-18

PDM: Rev:T 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 9505II-028 FOR "ELECTRICAL PERFORMANCE DATA FOR DIFFERENTIAL APPLICATIONS."

3. SEE FCI PUBLICATION 9505II-028 FOR "ELECTRICAL PERFORMANCE DATA FOR SINGLE-ENDED APPLICATION."

4. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994

5. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, 30% GLASS FILLED, FLAME RETARDANT PER UL 94-V0.
   PIN MATERIAL: PHOSPHER BRONZE
   GROUND SPRING MATERIAL: PHOSPHER BRONZE
   STRIPLINE SHIELD MATERIAL: PHOSPHER BRONZE

6. PLATING INFORMATION: PLATING ON CONTACT AREA MEETS THE PERFORMANCE LEVELS AS SHOWN IN TABLE ON SHEET 1. PLATING ON "LF" TAILS IS Sn. PLATING ON ALL OTHER TAILS IS SnPb.

7. DIMENSIONAL RESTRICTIONS OF PINS IN HEADERS.
   FOR MATING WITH METRAL 1000 RECEPTACLES
   DIM A : 5.00mm MIN, 8.00mm MAX FOR ROWS A-H
   DIM A : 5.00mm MIN, 5.75mm MAX FOR ROW GND NEXT TO ROW A
   DIM C : 5.00mm MIN, 8.00mm MAX FOR ROWS A-H
   DIM C : 4.60mm MIN, 6.30mm MAX FOR ROW GND NEXT TO ROW A
   FOR MATING WITH METRAL 4000 RECEPTACLES
   DIM A : 5.00mm MIN, 6.50mm MAX FOR ROWS A, B, D, E, G & H
   DIM A : 5.00mm MIN, 8.00mm MAX FOR ROWS C & F
   DIM A : 5.00mm MIN, 5.75mm MAX FOR ROW GND NEXT TO ROW A
   DIM C : 5.00mm MIN, 7.00mm MAX FOR ROWS A, B, D, E, G & H
   DIM C : 5.00mm MIN, 8.00mm MAX FOR ROWS C & F
   DIM C : 4.60mm MIN, 6.30mm MAX FOR ROW GND NEXT TO ROW A

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.

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

10. 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.

11. CURRENT RATING : 1 AMP PER PIN

12. TEMPERATURE RANGE : -55°C TO +105°C

13. P/N 63741-XYYLF
    - LEAD FREE (OPTIONAL)
    - SELECT LOAD PATTERN
    - PLATING CODE

14. FOR FRONT PLUG-UP APPLICATIONS, THE EVEN NUMBERED PINS IN ROW 'C'& 'F' CAN BE USED FOR POWER AS WELL AS FOR GROUND. IF THE SURROUNDING PINS ARE NOT USED FOR POWER, THEN EACH PIN CAN CARRY 3 AMPS. IF THE SURROUNDING PINS ARE USED FOR POWER, THEN EACH PIN CAN CARRY 1 AMP. WHEN THE SURROUNDING PINS ARE USED ONLY FOR LOW SPEED SIGNALS, THEN THE EVEN NUMBERED 'C' AND 'F' ROW PINS CAN ALSO BE USED FOR LOW SPEED SIGNALS. THIS IS NOT TRUE FOR REAR PLUG-UP APPLICATIONS USING METRAL 2000 SHROUD AS IN THIS CASE ALL 'C' AND 'F' ROW PINS ARE COMMON TO GROUND.

15. 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.

16. FOR LEAD FREE PART NUMBERS ADD 'LF' SUFFIX. EXAMPLE: 63741-XYYLF

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

mat'l code	SEE NOTE 5

ltr	ecn no.	dr	date
T			

sheet	revision
index	sheet

tolerances unless otherwise specified		
linear	0.X ±0.3	
	0.XX ±0.13	
	.XXX ±.051	
angles	0° ±2°	
dr	E. KROPER.	2001-01-15
engr	J. VOLSTORF	2001-01-15
chr	J. VOLSTORF	2001-01-15
appd	J. VOLSTORF	2001-01-15

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projection

MM

scale 1:1

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

product family: METRAL 2000 | code: 213

size: A | dwg no: 63741 | sheet: 6

cage code: 22526

Pro/E

REV E - 2006-04-18

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