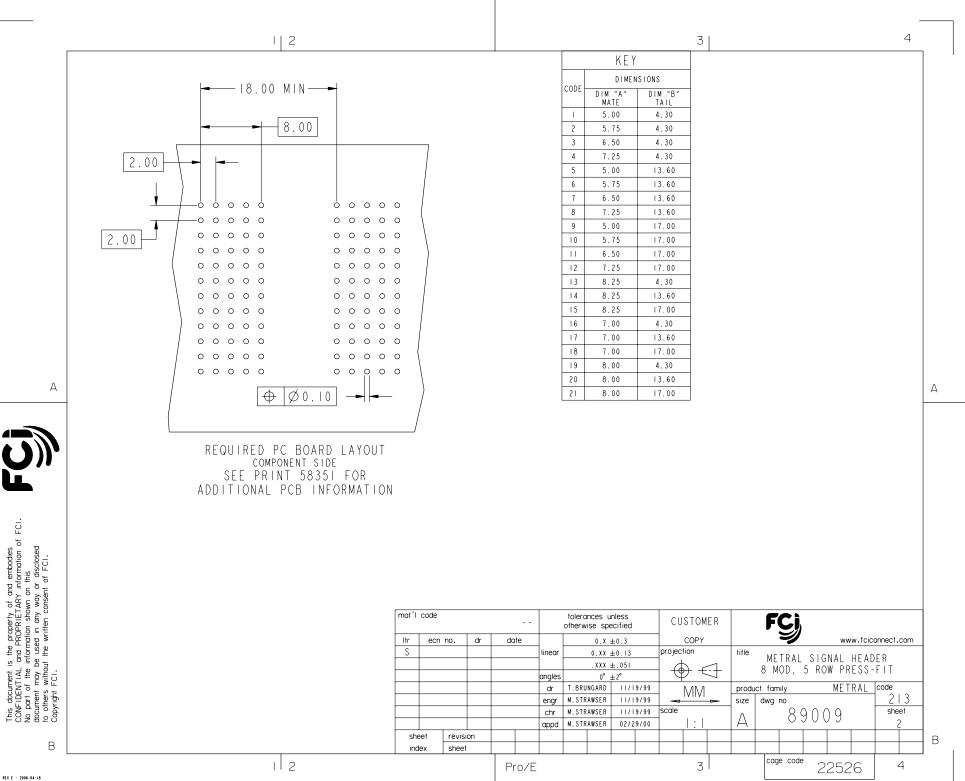


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MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD P/N 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 D | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 2| | 89009-X97 C SEE NOTE 10 В LEAD FREE OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL P/N 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 Ε 89009-X98 SEE NOTE 10 LEAD FREE В OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 3 4 5 6 ROW 89009-X99 С SEE NOTE 10 В LEAD FREE OPTION 

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mat'l code FÇj tolerances unless CUSTOMER otherwise specified Itr ecn no. dr date COPY www.fciconnect.com  $0.X \pm 0.3$ projection S linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 5 ROW PRESS-FIT 0° ±2° angles METRAL code T.BRUNGARD dr 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr M.STRAWSER 11/19/99 scale sheet 89009 24 appd M.STRAWSER 02/29/00 sheet revision sheet cage code Pro/E 3 | 4

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CONTACT CODE

STATUS: Released

Printed: Dec 29, 2007

22526

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PDM: Rev:S

REV E - 2006-04-18

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PRODUCT NUMBER 89009-XYY 89009-XYYIF

NOTES:

- I. FOR DIM A AND B SEE SHEET 2 AND UP.
- 2. BODY MATERIAL: LIQUID CRYSTAL

POLYMER 30 % GLASS.

FLAME RETARDANT ACC. UL 94-VO.

- 3. PIN MATERIAL:
- PHOSPHOR BRONZE.

  4. PLATING ON PRESS-FIT TAIL:
  89009-XYY IS SnPb
  89009-XYYLF IS SN (LEAD FREE)

PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE BELOW.

- PRODUCT MARKING: PART NUMBER DESIGNATION & BATCH I.D.
- 6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXP
- 7. PRODUCT SPECIFICATION GS-12-180
  APPLICATION SPECIFICATION BUS-20-073
- (8) AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-NI--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-NI--- AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND AU CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMIM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

(10) FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 89008-X01LF

(II) -AYY PLATIN HAS AU FLASH IN PRESS-FIT AREA (LEAD FREE).

PLATING IN CONTACT AREA DASH NUMBER PERFORMANCE LEVEL NOTES - A Y Y TELCORDIA CO SEE NOTE II - N I Y Y TELCORDIA CO (NXT) -N5YY TELCORDIA UE (NXT) - | Y Y TELCORDIA CO -2YY TELECOM CLASS - 3 Y Y IEC CLASS I - 5 Y Y TELCORDIA UE - 9 Y Y TELCORDIA CO TELCORDIA CO (NXT) -NIYYLF SEE NOTE 9 IEC CLASS I TELCORDIA UE (NXT) -N5YYLF SEE NOTE 9 TELCORDIA CO - IYYLF SEE NOTE 9 IEC CLASS I -2YYLF TELECOM CLASS SEE NOTE 9 -5YYLF TELCORDIA UE SEE NOTE 9

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Pro/E

PDM: Rev:S

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REV E - 2006-04-18