



MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 METRAL MOD. P/N 2 3 4 5 6 7 8 9 10 11 2 13 14 15 16 17 18 9 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 ROW 89076-XI2 D SEE NOTE 10 LEAD FREE С 4 4 | 4 | 4 | 4 | 4 4 4 4 4 В OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 METRAL MOD P/N ROW 2 3 4 5 6 10|11|2|3|4|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 89076-XI3 3 3 3 3 3 3 3 3 SEE NOTE 10 В LEAD FREE OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 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 | 1 2 3 4 5 6 89076-XI4 D | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 SEE NOTE С LEAD FREE В | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 4 4 4 4 OPTION

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MOD. 3

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MOD. 7

MOD. 7

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MOD. 2

CONTACT CODE

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SEE NOTE 10 LEAD FREE

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CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD 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 89076-XI5 SEE NOTE 10 С LEAD FREE OPTION В 

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PDM: Rev:U

STATUS: Released

Printed: May 16, 2009

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CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. 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 4 5 6 89076-XI6 SEE NOTE 10 LEAD FREE OPTION Α CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. MOD. 8 METRAL MOD 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 ROW 89076-XI7 SEE NOTE 10 LEAD FREE С OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. MOD. MOD. MOD. 8 METRAL MOD 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 89076-X18 61 61 61 61 61 61 61 61 61 61 61 61 61 SEE NOTE 10 LEAD FREE C OPTION В CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD P/N 1 2 3 4 5 6 7 8 9 10 112 3 4 5 6 7 8 9 9 00 112 3 4 5 6 7 8 9 10 112 3 4 5 6 7 8 9 10 112 13 14 15 16 17 18 19 20 2 1 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 ROW 89076-XI9 D 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 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 ROW 89076-X20 SEE NOTE 10 LEAD FREE OPTION С mat'l code tolerances unless FÇj CUSTOMER otherwise specified Itr ecn no. dr date COPY www.fciconnect.com  $0.0 \pm 0.3$ projection U linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW PRESS-FIT 0° ±2° angles METRAL code dr T.BRUNGARD 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr

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MOD. 7

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FÇj 0.X ±0.3 COPY www.fciconnect.com projection linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW PRESS-FIT 0° ±2° angles METRAL code T.BRUNGARD dr 11/19/99 MM product family engr M.STRAWSER 11/19/99 size dwg no M.STRAWSER 11/19/99 scale 89076 sheet chr 5 good M.STRAWSER 02/29/00 В cage code 3 l 22526 4 PDM: Rev:U STATUS: Released Printed: May 16, 2009

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89076-X27 SEE NOTE 10 LEAD FREE OPTION CONTACT CODE MOD. 4 MOD. 2 MOD. 3 MOD. 5 MOD. 6 METRAL MOD. 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 89076-X28 D SEE NOTE 10 LEAD FREE OPTION С CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 METRAL MOD 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 89076-X29 D SEE NOTE 10 LEAD FREE В OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 METRAL MOD P/N 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 89076-X30 SEE NOTE 10 LEAD FREE С

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MOD. 3

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MOD. 4

MOD. 5

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MOD. 5

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MOD. 6

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MOD. 7

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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 U 0.XX ±0.13 linea METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW PRESS-FIT 0° ±2° METRAL code dr T.BRUNGARD 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr scale sheet M.STRAWSER 11/19/99 89076 Д 6 M.STRAWSER 02/29/00 appd sheet revision sheet cage code Pro/E 3 | 4 22526

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89076-X31 SEE NOTE 10 LEAD FREE OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD 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 89076-X32 SEE NOTE 10 LEAD FREE OPTION C В CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD P/N 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 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 1 89076-X33 SEE NOTE 10 LEAD FREE OPTION В Α CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD 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 89076-X34 D C SEE NOTE 10 LEAD FREE В 21/21 OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 7 MOD. 4 MOD. 5 MOD. 6 MOD. 8 This adcument is the property of and embodies CONFIDENTIAL and PROPRIETARY 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. METRAL MOD P/N 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 89076-X35 D SEE NOTE 10 LEAD FREE С В 21 21 21 21 21 21 21 21 21 21 2 OPTION mat'l code FÇj tolerances unless CUSTOMER otherwise specified ltr ecn no. dr date COPY www.fciconnect.com  $0.X \pm 0.3$ projection U linea 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW PRESS-FIT 0° ±2° METRAL code dr T.BRUNGARD 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr scale sheet M.STRAWSER 11/19/99 89076 Д M.STRAWSER 02/29/00 bago sheet revision

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MOD. 3

MOD.

MOD. 5

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MOD. 6

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D 89076-X37 SEE NOTE 10 LEAD FREE OPTION В Α CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. METRAL MOD P/N 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 ROW 3 4 5 6 89076-X38 SEE NOTE 10 LEAD FREE C В OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 METRAL MOD 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 | D 89076-X39 SEE NOTE 10 LEAD FREE С В OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. METRAL MOD P/N 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 89076-X40 SEE NOTE 10 С

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MOD. 3

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MOD. 5

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MOD. 5

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MOD. 6

MOD. 6

MOD. 7

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MOD. 2

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CONTACT CODE

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SEE NOTE 10 LEAD FREE

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REV E - 2006-04-18

LEAD FREE OPTION

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SEE NOTE 10 LEAD FREE OPTION В CONTACT CODE MOD. 3 MOD. 4 MOD. 2 MOD. 5 MOD. 6 METRAL MOD P/N 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 ROW 89076-X43 SEE NOTE 10 LEAD FREE OPTION В 2 2 2 2 2 2 2 2 2 2 2 CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 METRAL MOD P/N 2 3 4 5 6 7 8 9 10 11 2 13 14 15 16 17 18 9 10 11 2 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 89076-X44 SEE NOTE 10 С LEAD FREE OPTION В CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 METRAL MOD 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 89076-X45 SEE NOTE 10 C

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MOD. 5

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 |

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CONTACT CODE

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89076-X41 SEE NOTE 10 LEAD FREE

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89076-X42

LEAD FREE

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PDM: Rev:U

STATUS: Released

Printed: May 16, 2009

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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 1 19 1 1 | 19 | 1 1 | 19 | 1 19 1 89076-X46 SEE NOTE 10 LEAD FREE С 1 19 1 1 19 1 1 19 1 1 | 19 | 1 | | | | | | | | | | | OPTION В CONTACT CODE MOD. I MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL P/N 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 | 1 2 3 4 5 6 7 89076-X47 SEE NOTE 10 LEAD FREE В OPTION Α CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 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 89076-X48 3 3 3 3 3 3 3 3 3 3 9 3 3 3 3 3 SEE NOTE 10 LEAD FREE 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 9 3 3 3 3 3 3 3 3 3 OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 6 MOD. 7 MOD. 8 MOD. 4 MOD. 5 METRAL MOD P/N 1 2 3 4 5 6 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 ROW 89076-X49 SEE NOTE 10 LEAD FREE OPTION В

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CONTACT CODE

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PDM: Rev:U

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PRODUCT NUMBER 89076-XYY 89076-XYYLF

NOTES:

I. FOR DIM A AND B SEE SHEET 2 AND UP.

2. BODY MATERIAL: LIQUID CRYSTAL

POLYMER 30 % GLASS.

LEVEL SHOWN IN TABLE.

FLAME RETARDANT ACC. UL 94-VO.

PIN MATERIAL:

PHOSPHOR BRONZE. PLATING ON PRESS-FIT TAIL: 55422 - XYY IS SnPb 55422-XYYLF IS SN (LEAD FREE) PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE

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. FXAMPLE: XXXXX-XXXP OR XXXXX-XXXIP.

7. PRODUCT SPECIFICATION GS-12-180 APPLICATION SPECIFICATION BUS-20-073

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.

mat'l code

ecn no.

dr

date

linear

ltr

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FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 89076-X01LF

PL	ATING IN CONTACT	AREA
DASH NUMBER	PERFORMANCE LEVEL	NOTES
- N I Y Y	TELCORDIA CO (NXT)	-
- N 5 Y Y	TELCORDIA UE (NXT)	-
- I Y Y	TELCORDIA CO	-
- 2 Y Y	TELECOM CLASS	-
- 3 Y Y	IEC CLASS I	-
- 5YY	TELCORDIA UE	-
- 9 Y Y	TELCORDIA CO	-
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
- N 5 Y Y L F	TELCORDIA UE (NXT)	SEE NOTE 9
- IYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
- 2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9

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XXX ±.051 8 MOD, 4 ROW PRESS-FIT 0° ±2° METRAL code T.BRUNGARD dr 11/19/99 MM product family engr M.STRAWSER 11/19/99 size dwg no chr M.STRAWSER 11/19/99 scale sheet 89076 good M.STRAWSER 02/29/00 -1.1sheet revision sheet cage code 3 | 4 22526

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otherwise specified

 $0.X \pm 0.3$ 

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Pro/E

PDM: Rev:U

CUSTOMER

COPY

projection

STATUS: Released

Printed: May 16, 2009

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title METRAL SIGNAL HEADER

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