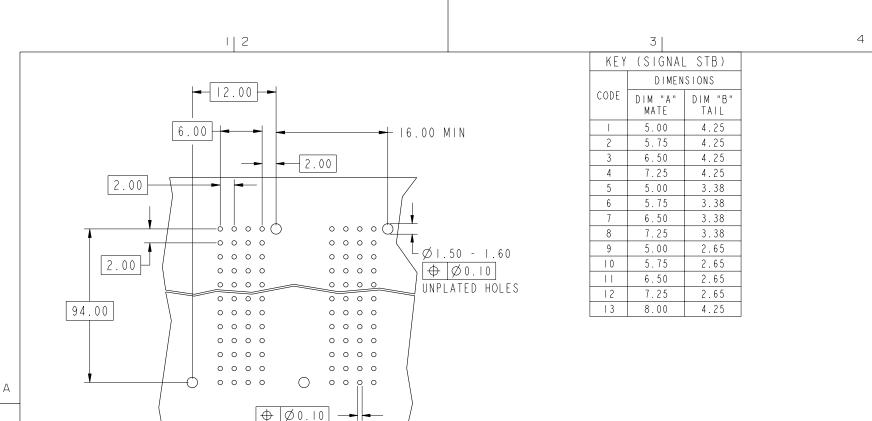


REV E - 2006-04-18

PDM: Rev:V

STATUS: Released

Printed: Feb 06, 2008



REQUIRED PC BOARD LAYOUT COMPONENT SIDE SEE PRINT 58351 FOR ADDITIONAL PCB INFORMATION

> mat'l code tolerances unless CUSTOMER otherwise specified ltr ecn no. dr date 0.X ±0.3 COPY www.fciconnect.com projection 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW STB 0° ±2° METRAL code T.BRUNGARD 11/19/99 dr MM product family engr M.STRAWSER 11/19/99 size dwg no M.STRAWSER 11/19/99 88954 sheet appd M.STRAWSER 02/29/00 sheet revision sheet cage code 3 l Pro/E 22526 4

> > PDM: Rev:V

STATUS:Released

Printed: Feb 06, 2008

В

Д

This document is the property of and embadies 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. Copyright FCI.

REV E - 2006-04-18

В

 $1 \mid 2$

SEE NOTE 9 LEAD FREE В OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 4 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 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 88954-X02 C SEE NOTE 9 LEAD FREE OPTION В CONTACT CODE MOD. I MOD. 2 MOD. 3 MOD. MOD. MOD. 6 MOD. MOD. 8 METRAL P/N 7 8 9 9 10 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 20 2 1 2 2 2 3 2 4 2 5 2 6 2 7 2 8 2 9 3 0 3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2 4 3 4 4 4 5 4 6 4 7 4 8 88954-X03 SEE NOTE 9 C LEAD FREE OPTION В CONTACT CODE MOD. 2 MOD. 3 MOD. 4 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 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 88954-X04 D SEE NOTE 9 LEAD FREE 3 3 3 3 3 3 3 3 3 3 3 3 C 3 3 3 3 OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 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 ROW 88954-X05 SEE NOTE 9 LEAD FREE C В 3 3 3 3 OPTION A 3

MOD. 4

MOD. 5

MOD. 6

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|

MOD. 7

2

MOD. 3

MOD. 2

CONTACT CODE

MOD

METRAL

P/N

88954-X0I

mat'l code tolerances unless CUSTOMER otherwise specified Itr ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ projection ٧ linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW STB 0° ±2° 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 88954 sheet Д appd M.STRAWSER 02/29/00 sheet revision sheet cage code 3 l 4 Pro/E 22526

3

MOD. 8

1 2

PDM: Rev:V

STATUS: Released

Printed: Feb 06, 2008

В

4

Α

This document is the property of and embadies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this shown and this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

В

Α

P/N 1 2 3 4 5 6 7 8 9 10 11 12 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 88954-X07 С SEE NOTE 9 В LEAD FREE OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 METRAL MOD P/N 7 | 8 | 9 | 10 | 1 | 1 | 2 | 1 | 3 | 1 | 4 | 1 5 | 1 6 | 1 7 | 1 8 | 1 9 | 20 | 2 | 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 88954-X08 SEE NOTE 9 C LEAD FREE OPTION В 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 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 88954-X09 SEE NOTE 9 LEAD FREE OPTION 4 4 4 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | C 4 4 CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 METRAL MOD P/N ROW 88954-XI0 SEE NOTE 9 LEAD FREE C В 3 3 3 3 3 3 3 3 OPTION | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 4 4 4 4 4 4 4 4 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

1 2

Α

4

Α

This document is the property of and embadies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this shown and this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

tolerances unless CUSTOMER otherwise specified ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ projection ٧ linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW STB 0° ±2° METRAL code T.BRUNGARD dr 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr 11/19/99 scale sheet M.STRAWSER 88954 Д 4 appd M.STRAWSER 02/29/00 sheet revision sheet cage code 3 | 4 Pro/E

3

MOD. 8

PDM: Rev:V

STATUS: Released

Printed: Feb 06, 2008

В

REV E - 2006-04-18

В

MOD. 2

MOD. 2

CONTACT CODE

CONTACT CODE

MOD

MOD

METRAL

P/N

88954-X06

SEE NOTE 9 LEAD FREE

METRAL

OPTION

2

MOD. 3

MOD. 3

2 2

MOD.

MOD. 4

2 2

MOD. 5

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

2 2 2 2

MOD. 6

MOD. 6 MOD.

MOD. 7

2 2 2 2 2 2 2

MOD. 5 MOD. 8

MOD. MOD. 8

MOD. MOD. 8

4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

14 | 4 | 4 | 4 | 4 | 4 MOD. MOD. 8

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

4 4 4 4 4 4 4

mat'l code Itr

22526

4 4 4 4 4 88954-XI2 D C SEE NOTE 9 LEAD FREE В OPTION CONTACT CODE MOD. I MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 METRAL P/N 7 8 9 9 10 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 20 2 1 2 2 2 3 2 4 2 5 2 6 2 7 2 8 2 9 3 0 3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2 4 3 4 4 4 5 4 6 4 7 4 8 88954-XI3 SEE NOTE 9 C LEAD FREE OPTION В CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 METRAL MOD. P/N 121314151617181920212223242526627282930313233343536373839404142434445464748 88954-XI5 D SEE NOTE 9 C LEAD FREE OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 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 88954-XI6 SEE NOTE 9 LEAD FREE OPTION C В | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 A 3

1 2

2

MOD. 3

MOD. 3

MOD.

MOD. 4

MOD. 5

MOD. 5

1 2 3 4 5 6 7 8 9 10 11 12 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

Itr

٧

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

MOD. 6

MOD. 6

MOD. 7

MOD.

MOD.

MOD.

MOD.

3 3 3 3 3

MOD. 2

MOD. 2

CONTACT CODE

CONTACT CODE

MOD

MOD

METRAL

P/N

88954-XII SEE NOTE 9 LEAD FREE

OPTION

METRAL

P/N

В

mat'l code tolerances unless CUSTOMER otherwise specified ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ projection linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW STB 0° ±2° METRAL code T.BRUNGARD dr 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr 11/19/99 scale 88954 sheet M.STRAWSER Д 5 appd M.STRAWSER 02/29/00 sheet revision sheet

3 l

3

MOD. 8

MOD. 8

4 4 4 4 4 4 4

MOD. 8

MOD. 8

MOD. 8

Pro/E

STATUS: Released

cage code

22526

Printed: Feb 06, 2008

4

В

4

Α

PDM: Rev:V

This document is the property of and embadies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this shown and this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

Α

В

CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. METRAL MOD P/N 1 2 3 4 5 6 7 8 9 10 11 12 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 88954-X31 C SEE NOTE 9 LEAD FREE В OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. MOD. 6 MOD. 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 88954-X32 SEE NOTE 9 C LEAD FREE OPTION В CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 METRAL MOD. P/N 121314151617181920212223242526627282930313233343536373839404142434445464748 88954-X33 SEE NOTE 9 C 6 6 LEAD FREE OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. MOD. 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 88954-X34 SEE NOTE 9 LEAD FREE C В OPTION A | 8 | 8 | 8 | 8

2

MOD. 3

MOD.

2 2

MOD. 5

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

MOD. 6

2 2

MOD. 7

2 2 2 2

2 2 2 2

2 2

MOD. 2

CONTACT CODE

MOD

METRAL

P/N

88954-XI7

SEE NOTE 9 LEAD FREE

OPTION

В

mat'l code tolerances unless CUSTOMER otherwise specified Itr ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ projection ٧ linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW STB 0° ±2° 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 88954 Д 6 appd M.STRAWSER 02/29/00 sheet revision sheet cage code 3 l 4 Pro/E 22526

3

MOD. 8

MOD. 8

MOD. 8

MOD. 8

6 6 6 6 6 6 6

MOD. 8

1 2

PDM: Rev:V

STATUS: Released

Printed: Feb 06, 2008

В

4

Α

This document 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 there without the written consent of FCI. Copyright FCI.

Α

В

CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. METRAL MOD P/N 1 2 3 4 5 6 7 8 9 10 11 12 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 88954-X36 С SEE NOTE В LEAD FREE OPTION CONTACT CODE MOD. I MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. METRAL 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 88954-X37 SEE NOTE 9 LEAD FREE C OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 METRAL MOD. P/N 121314151617181920212223242526627282930313233343536373839404142434445464748 88954-X38 SEE NOTE 9 LEAD FREE OPTION C CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. MOD. METRAL MOD P/N 1 2 3 4 5 6 7 8 9 10 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 9 10 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 20 2 1 2 2 2 3 2 4 2 5 2 6 2 7 2 8 2 9 3 0 3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2 4 3 4 4 4 5 4 6 4 7 4 8 88954-X39 SEE NOTE 9 LEAD FREE C В 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 OPTION A 8 8 8 8 8 8 8 8 8 |8|8|8|8|8|8|8|8|8| 8 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

2

MOD. 3

MOD. 4

MOD. 5

MOD. 6

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

MOD. 7

MOD. 2

CONTACT CODE

MOD

METRAL

P/N

88954-X35 SEE NOTE 9 LEAD FREE

OPTION

В

Α

4

This document is the property of and embadies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this shown and this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

Α

mat'l code tolerances unless CUSTOMER otherwise specified Itr ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ projection ٧ linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW STB 0° ±2° 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 88954 Д appd M.STRAWSER 02/29/00 sheet revision sheet

3 l

3

MOD. 8

MOD. 8

MOD. 8

MOD. 8

5 5 5 5 5 5 5

MOD. 8

В

Pro/E

STATUS: Released

cage code

22526

Printed: Feb 06, 2008

4

В

REV E - 2006-04-18

1 2

PDM: Rev:V

SEE NOTE 9 LEAD FREE OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. METRAL MOD P/N 1 2 3 4 5 6 7 8 9 10 11 12 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 88954-X41 С SEE NOTE В LEAD FREE OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. 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 88954-X42 SEE NOTE 9 C LEAD FREE OPTION В CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 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 88954-X43 D SEE NOTE 9 LEAD FREE OPTION C 5 | 5 | 5 | 5 | 5 | CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. MOD. 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 88954-X45 SEE NOTE 9 LEAD FREE C В OPTION

5 5 5 5

5 | 5

2

MOD. 3

MOD.

6 6

MOD. 5

| 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

6 6 6 6 6 6 6 6 6 6 6

MOD. 6

MOD. 7

MOD. 2

CONTACT CODE

MOD

METRAL

P/N

88954-X40

Α

В

mat'l code tolerances unless CUSTOMER otherwise specified Itr ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ projection ٧ linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW STB 0° ±2° METRAL code T.BRUNGARD dr 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr 11/19/99 scale sheet M.STRAWSER 88954 Д 8 appd M.STRAWSER 02/29/00 sheet revision sheet cage code 3 l 4 Pro/E 22526

3

MOD. 8

MOD. 8

MOD. 8

MOD. 8

MOD. 8

5 5 5 5 5

5 | 5 | 5 | 5

1 2

STATUS: Released

Printed: Feb 06, 2008

В

4

Α

REV E - 2006-04-18

В

This document is the property of and embadies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this shown and this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

PDM: Rev:V

C SEE NOTE 9 LEAD FREE В OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 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 88954-X61 SEE NOTE 9 LEAD FREE C OPTION В 9 9 9 9 9 9 CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 METRAL MOD. 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 9 9 9 9 9 88954-X62 D SEE NOTE 9 LEAD FREE OPTION С 9 9 9 9 CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 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 88954-X63 SEE NOTE 9 LEAD FREE C В OPTION

1 2

2

MOD. 3

MOD. 3

MOD.

MOD. 4

MOD. 5

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

MOD. 5

1 2 3 4 5 6 7 8 9 10 11 12 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

MOD. 6

MOD. 6

MOD. 6

9 9

MOD. 6

MOD. 6

9 9 9 9 9 9 9 9

MOD. 7

8 8 8 8 8

MOD.

6 6 6 6 6

MOD.

MOD. 7

MOD.

9 9 9 9 9

9 9

9 9

9 9 9

MOD. 2

MOD. 2

CONTACT CODE

CONTACT CODE

MOD

4 5 6

MOD

METRAL

P/N

88954-X46 SEE NOTE 9 LEAD FREE

OPTION

METRAL

P/N

88954-X47

D

mat'l code tolerances unless CUSTOMER otherwise specified ltr ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ projection ٧ linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW STB 0° ±2° METRAL code T.BRUNGARD dr 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr 11/19/99 scale sheet M.STRAWSER 88954 Д 9 appd M.STRAWSER 02/29/00 sheet revision sheet cage code 3 | 4 Pro/E 22526

3

MOD. 8

MOD. 8

MOD. 8

| 9 | 9 | 9 | 9 | 9 | 9

MOD. 8

9 9 9 9 9 9 9

MOD. 8

PDM: Rev:V

STATUS: Released

Printed: Feb 06, 2008

В

4

Α

Α

This document is the property of and embadies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this shown and this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

В

Д 88 S E This document 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. Copyright FCI.

METRAL P/N		CONTACT CODE MOD. I	MOD. 2	MOD. 3	MOD. 4	MOD. 5	MOD. 6	MOD. 7	MOD. 8
	ROW	1 2 3 4 5 6	6 7 8 9 10 11 12	2 3 4 5 6 7 8	192021222324	25 26 27 28 29 30 3	1 32 33 34 35 36	37 38 39 40 41 42	43 44 45 46 47 48
88954-X64	D	12 12 12 12 12 1	2 12 12 12 12 12 12	2 12 12 12 12 12	12 12 12 12 12 12	12 12 12 12 12 12 1	2 12 12 12 12 12	12 12 12 12 12 12	12 12 12 12 12 12
SEE NOTE 9	С	11 11 11 11 11 11	1111111111111		11 11 11 11 11 11	11 11 11 11 11 11			11 11 11 11 11 11
LEAD FREE	В	11 11 11 11 11 11			11 11 11 11 11 11				11 11 11 11 11 11
OPTION	A	12 12 12 12 12 1	2 2 2 2 2 2 2	2 2 2 2 2 2 2	12 12 12 12 12 12	12 12 12 12 12 12 1	2 2 2 2 2 2	12 12 12 12 12 12	12 12 12 12 12 12
	_								
METRAL P/N		CONTACT CODE MOD. I	MOD. 2	MOD. 3	MOD. 4	MOD. 5	MOD. 6	MOD. 7	MOD. 8
	ROW	1 2 3 4 5 6	5 7 8 9 10 11 12	2 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 3	1 32 33 34 35 36	37 38 39 40 41 42	43 44 45 46 47 48
88954-X65	D								
SEE NOTE 9 LEAD FREE OPTION	С								
	В				ппппппп				
	Α	11 11 11 11 11 1	1 11 11 11 11 11 11		11 11 11 11 11 11	11 11 11 11 11 11	1 11 11 11 11 11	пппппп	пппппп
		CONTACT CODE	T	I					
METRAL P/N		MOD. I	MOD. 2	MOD. 3	MOD. 4	MOD. 5	MOD. 6	MOD. 7	MOD. 8
	ROW					25 26 27 28 29 30 3			
88954-X66 SEE NOTE 9	D				-	10 10 10 10 10 10 1			
LEAD FREE	C					10 10 10 10 10 10 1			
OPTION	В		 			10 10 10 10 10 10 1			
	A	10 10 10 10 10 10	0 10 10 10 10 10 10	0 10 10 10 10 10 10	10 10 10 10 10 10	10 10 10 10 10 10 1	0 10 10 10 10 10	10 10 10 10 10 10	10 10 10 10 10 10
METRAL P/N		CONTACT CODE MOD. I	MOD. 2	MOD. 3	MOD. 4	MOD. 5	MOD. 6	MOD. 7	MOD. 8
	ROW		5 7 8 9 10 11 12	2 3 4 5 6 7 18	192021222324	25 26 27 28 29 30 3	1 32 33 34 35 36	37 38 39 40 41 42	43 44 45 46 47 48
88954-X67	D	11 11 11 11 11 11			11 11 11 11 11 11				11 11 11 11 11 11
SEE NOTE 9 LEAD FREE OPTION	С	10101010101	0101010101010	0101010101010	101010101010	1010101010101	01010101010	101010101010	10 10 10 10 10 10
	В	10101010101	0101010101010	0101010101010	101010101010	1010101010101	01010101010	101010101010	10 10 10 10 10 10
	A		9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9			9 9 9 9 9 9
	I	CONTACT CODE	T	1					
METRAL P/N		MOD. I	MOD. 2	MOD. 3	MOD. 4	MOD. 5	MOD. 6	MOD. 7	MOD. 8
	ROW	1 2 3 4 5 6	+		$\overline{}$	25 26 27 28 29 30 3			
88954-X68	D		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
SEE NOTE 9 LEAD FREE	C	9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9
OPTION	В	9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9
	Α	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9

1|2

mat'l code tolerances unless CUSTOMER otherwise specified COPY ltr ecn no. dr date 0.X ±0.3 www.fciconnect.com projection 0.XX ±0.13 METRAL SIGNAL HEADER 8 MOD, 4 ROW STB XXX ±.051 METRAL code 213 MMT.BRUNGARD dr 11/19/99 product family M.STRAWSER 11/19/99 engr size dwg no chr M.STRAWSER 11/19/99 scale 88954 sheet appd M.STRAWSER 10 02/29/00 revision sheet sheet 3 | 22526 4 Pro/E

3 |

STATUS:Released

Printed: Feb 06, 2008

В

Д

PDM: Rev:V

В

REV E - 2006-04-18

1 2

C SEE NOTE LEAD FREE В OPTION CONTACT CODE MOD. I MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 METRAL 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 88954-X71 SEE NOTE 9 C LEAD FREE В 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 88954-X72 D SEE NOTE 9 C LEAD FREE OPTION CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 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 88954-X73 SEE NOTE 9 LEAD FREE C 9 9 9 9 9 9 В talahdalahdalahdalahdalahdala OPTION A 9 9 9 9 9 9

2

MOD. 3

MOD. 3

MOD. 4

MOD. 4

MOD. 5

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

MOD. 5

1 2 3 4 5 6 7 8 9 10 11 12 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

MOD. 6

MOD. 6

MOD. 7

MOD.

MOD.

MOD. 7

MOD.

MOD. 2

MOD. 2

CONTACT CODE

CONTACT CODE

MOD

ROW

D

4 5 6

MOD

METRAL

P/N

88954-X69

SEE NOTE 9 LEAD FREE

OPTION

METRAL

P/N

88954-X70

Α

mat'l code tolerances unless CUSTOMER otherwise specified ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ projection linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW STB 0° ±2° angles METRAL code T.BRUNGARD dr 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr 11/19/99 scale sheet M.STRAWSER 88954 chr Д appd M.STRAWSER 02/29/00 \perp sheet revision sheet

PDM: Rev:V

3 |

3

MOD. 8

MOD. 8

MOD. 8

MOD. 8

MOD. 8

Pro/E

STATUS: Released

cage code

22526

Printed: Feb 06, 2008

4

В

4

Α

1/2

В

REV E - 2006-04-18

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No port 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.

Itr

٧

SEE NOTE 9 LEAD FREE OPTION Α CONTACT CODE MOD. 2 MOD. 3 MOD. 4 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 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 88954-X76 D C SEE NOTE LEAD FREE В OPTION CONTACT CODE MOD. I MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. MOD. 8 METRAL 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 88954-X77 SEE NOTE 9 C LEAD FREE В CONTACT CODE MOD. MOD. 7 MOD. 2 MOD. 3 MOD. 4 MOD. 5 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 88954-X78 D SEE NOTE 9 LEAD FREE OPTION 2 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 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 ROW 2 3 4 5 6 88954-X79 3 3 3 3 3 3 3 3 3 3 3 3 3 3 SEE NOTE 9 LEAD FREE С | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | OPTION

MOD.

MOD. 5

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

MOD. 6

MOD. 7

2

MOD. 3

MOD. 2

CONTACT CODE

4 5 6

MOD

METRAL

P/N

88954-X75

mat'l code tolerances unless CUSTOMER otherwise specified Itr ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ projection ٧ linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW STB 0° ±2° angles METRAL code dr T.BRUNGARD 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr 11/19/99 scale sheet M.STRAWSER 88954 chr Д appd M.STRAWSER 02/29/00 12 sheet revision sheet cage code

3 |

3

MOD. 8

1/2

PDM: Rev:V

Pro/E

STATUS: Released

Printed: Feb 06, 2008

22526

4

В

4

Α

This accument is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No port of the information shown on this accument may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

В

Α

2 3 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8

CONTACT CODE MOD. 2 METRAL MOD P/N 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 3 88954-X80 SEE NOTE LEAD FREE OPTION 3 CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. MOD. 7 MOD. 8 METRAL MOD. P/N ROW 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 88954-X81 SEE NOTE LEAD FREE В OPTION CONTACT CODE MOD. 7 MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 8 METRAL P/N 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 | 88954-X82 SEE NOTE 9 LEAD FREE CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. MOD. 7 MOD. 8 METRAL P/N ROW | 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 | 88954-X83

| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6

sheet

revision

sheet

А

4

This accument is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No port of the information shown on this accument may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

LEAD FREE

В

8 8 8 8 8 8 8

mat'l code tolerances unless CUSTOMER otherwise specified Itr ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ projection ٧ linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW STB 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 88954 sheet Д 1.3 appd M.STRAWSER 02/29/00

Pro/E

1 2

STATUS: Released

cage code

22526

Printed: Feb 06, 2008

4

В

REV E - 2006-04-18

В

| | | 2

PDM: Rev:V

3 |

4

Α

PRODUCT NUMBER 88954-XYY (SEE SHEET I) 88954-XYYLF (SEE SHEET I)

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 SOLDER TO BOARD: 88954 - XYY IS SnPb 88954-XYYLF IS SN (LEAD FREE) PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
- 5. 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 OR XXXXX-XXXPLF
- 7. PRODUCT SPECIFICATION GS-12-180 APPLICATION SPECIFICATION BUS-20-074
- (8.) THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- (9.) FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 88954-X01LF
- IO. 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 tolerances unless CUSTOMER otherwise specified ltr ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ projection linear 0.XX ±0.13 title METRAL SIGNAL HEADER XXX ±.051 8 MOD. 4 ROW STB 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 sheet 88954 good M.STRAWSER 02/29/00 14 sheet revision sheet

Pro/E

3 |

STATUS: Released

cage code

22526

4

В

This accument is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this accument may be used in any way or disclosed to others without the written consent of FCI.

REV E - 2006-04-18

Α

В

1 2

PDM: Rev:V

Printed: Feb 06, 2008