

LEAD-FREE PRODUCT NO.

72803-X22LF



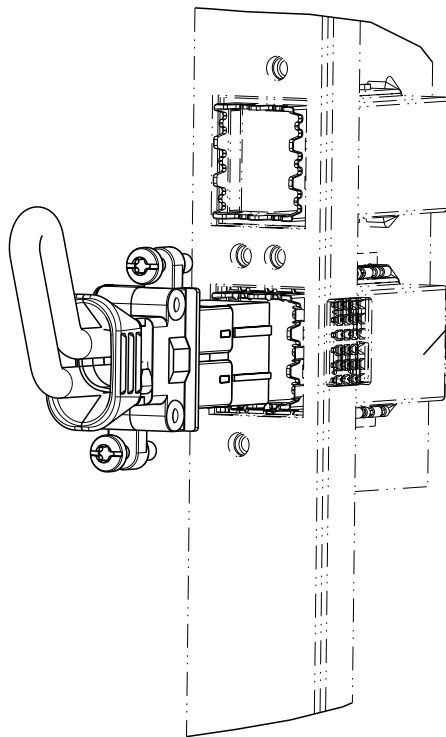
## Performance level

72803-1XXLF

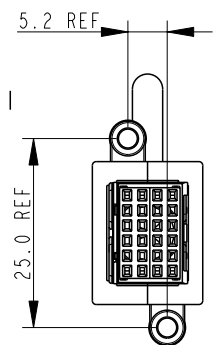
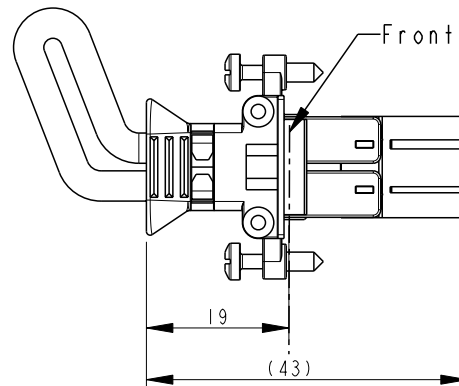
Telcordia CO.

72803-2XXLF

Customer Special



See Shielded Header  
P/N 72844-XYLF



## NOTES:

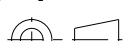
## MATERIALS

- 1 TERMINAL BLOCK.....30% GLASS FILLED POLYAMIDE
- 2 SHROUD.....30% GLASS FILLED POLYAMIDE  
FLAME RETARDENT ACC.UL 94-V0
- 3 COVER.....ZINC ALLOY
- 4 TERMINAL.....TINBRONZE
- 5 DISC SPRING.....HARDENED STEEL
- 6 SCREW.....STEEL
- 7 TUBULAR RIVET.....BRASS
- 8 CLAMP.....STEEL
- 9 RoHS INFORMATIONS:

- This "LF" product meets European Union Directives and other country regulations as described in GS-22-008.
- This product is not intended to be exposed to a manufacturing solder process.
- Packaging Spec: GS-14-920.

| rev | ecn no    | dr   | date       |
|-----|-----------|------|------------|
| C   | B20112    | E.S. | 2002/06/30 |
| D   | LS05-0102 | JTA  | 2005/11/11 |
| E   | LS06-0084 | LGO  | 2006/07/01 |
| F   | LS06-0143 | LGO  | 2006/09/25 |
| G   | LS07-0255 | JTA  | 2007/11/13 |
| -   | -         | -    | -          |
| -   | -         | -    | -          |

## CONVERSION ACCORDING GS-STANDARDS

|                                                                                     |            |            |                                          |     |                                      |  |                                                                                                     |               |                                                                                             |              |  |           |
|-------------------------------------------------------------------------------------|------------|------------|------------------------------------------|-----|--------------------------------------|--|-----------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------|--------------|--|-----------|
| www.fciconnect.com                                                                  |            |            | surface<br>ISO 1302                      |     | tolerance std<br>ISO 406    ISO 1101 |  | projection<br> |               | mm<br> |              |  |           |
|                                                                                     |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED    |     |                                      |  |                                                                                                     |               |                                                                                             |              |  |           |
| Dr                                                                                  | Stroeykens | 2002/06/30 | ANGULAR                                  |     | LINEAR                               |  | 0.X                                                                                                 | ±0.3          | size<br>A4                                                                                  | Scale<br>1:1 |  |           |
| Eng                                                                                 | G.Nys      | 2002/06/30 |                                          |     |                                      |  | 0.XX                                                                                                | ±0.1          |                                                                                             |              |  |           |
| Chr                                                                                 | W.Panis    | 2002/06/30 | 0°                                       | ±2° |                                      |  | 0.XXX                                                                                               | ±0.05         | ECN                      LS07-0255                                                          |              |  |           |
| Appr                                                                                | W.Panis    | 2002/06/30 | Product family                           |     |                                      |  |                                                                                                     | SOFIX         | Spec ref                      RELEASED                                                      |              |  |           |
|  |            | title      | SHIELDED LOOP CABL. CONN.<br>IDC 24 POS. |     |                                      |  |                                                                                                     | dwg no        |                                                                                             | 72803_C      |  | Rev.<br>G |
|                                                                                     |            |            |                                          |     |                                      |  |                                                                                                     |               |                                                                                             |              |  |           |
|                                                                                     |            |            | catalog no                               |     |                                      |  |                                                                                                     | CUSTOMER COPY |                                                                                             | sheet 1 of 9 |  |           |
|                                                                                     |            |            |                                          |     |                                      |  |                                                                                                     |               |                                                                                             |              |  |           |

REV F - 2006-04-17

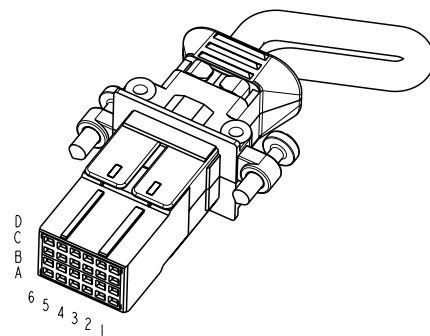
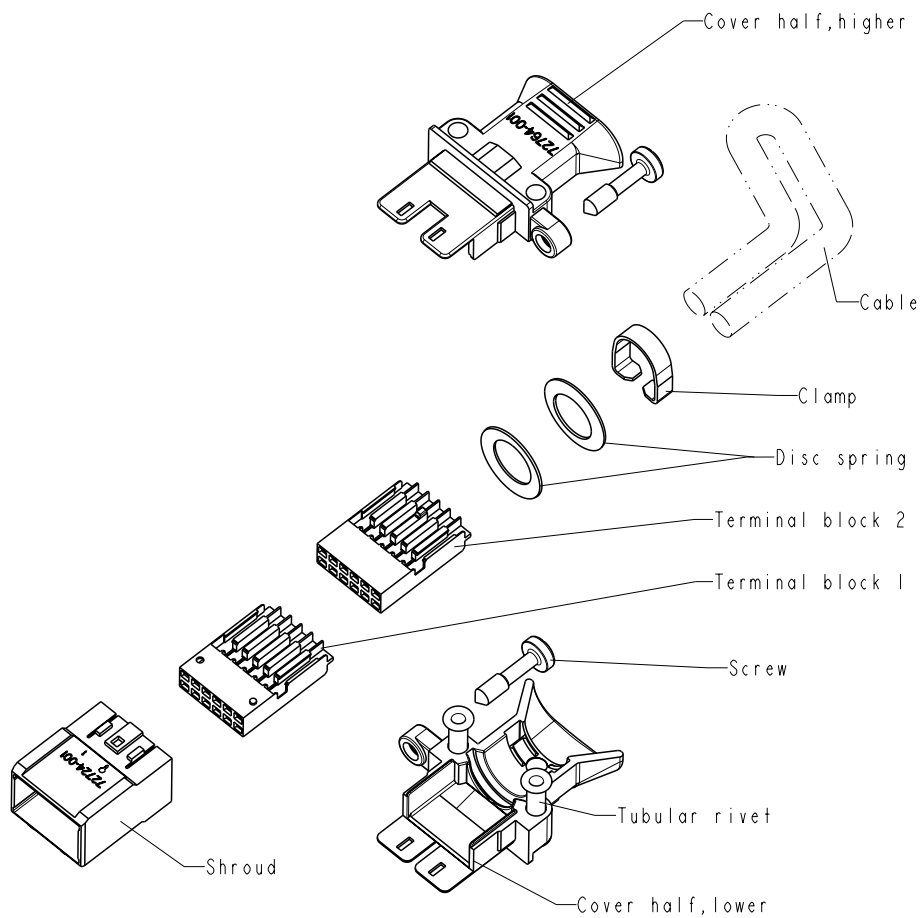
PDM: Rev:G

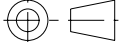
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Printed: Jan 30, 2008



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|                                                                                     |            |            |                                       |        |                                      |       |                                                                                                     |          |                                                                                             |           |
|-------------------------------------------------------------------------------------|------------|------------|---------------------------------------|--------|--------------------------------------|-------|-----------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------|-----------|
| www.fciconnect.com                                                                  |            |            | surface<br>ISO 1302                   |        | tolerance std<br>ISO 406    ISO 1101 |       | projection<br> |          | mm<br> |           |
|                                                                                     |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED |        |                                      |       |                                                                                                     |          |                                                                                             |           |
| Dr                                                                                  | Stroeykens | 2002/06/30 | ANGULAR                               | LINEAR | 0.X                                  | ±0.3  | size                                                                                                | Scale    |                                                                                             |           |
| Eng                                                                                 | G.Nys      | 2002/06/30 |                                       |        | 0.XX                                 | ±0.1  | A4                                                                                                  | 1:1      |                                                                                             |           |
| Chr                                                                                 | W.Panis    | 2002/06/30 |                                       |        | 0°    ±y°                            | 0.XXX | ±0.05                                                                                               | ECN      |                                                                                             | LS07-0255 |
| Appr                                                                                | W.Panis    | 2002/06/30 | Product family                        |        |                                      |       | SOFIX                                                                                               | Spec ref |                                                                                             | RELEASED  |
|  |            | title      | SHIELDED LOOP CABL. CONN.             |        |                                      |       | dwg no                                                                                              | 72803_C  |                                                                                             | Rev.      |
|                                                                                     |            |            | IDC 24 POS.                           |        |                                      |       |                                                                                                     |          |                                                                                             |           |
|                                                                                     |            |            | catalog no                            |        |                                      |       |                                                                                                     |          |                                                                                             |           |
|                                                                                     |            |            |                                       |        |                                      |       | CUSTOMER COPY                                                                                       |          | sheet 2 of 9                                                                                |           |

# LEAD FREE PART NUMBER

| Kit: 72803-X22LF  |     |
|-------------------|-----|
| COMPONENTS        | QTY |
| SHROUD            | 1   |
| COVER HALF LOWER  | 1   |
| COVER HALF HIGHER | 1   |
| TUBULAR RIVET     | 2   |
| DISC SPRING       | 2   |
| CLAMP             | 1   |
| TERMINAL BLOCK 1  | 1   |
| TERMINAL BLOCK 2  | 1   |



Dimension with oval around are critical dimensions including any attached geometrical tolerance. Other features or stand-alone geometrical tolerances being critical have a note "CRITICAL FEATURE" below the item

A symbol (x: drawing current revision) will be next to any dimension, view or note which has been modified with the current drawing revision



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|                    |            |            |                                                |        |                |  |                                   |  |                |              |                   |  |
|--------------------|------------|------------|------------------------------------------------|--------|----------------|--|-----------------------------------|--|----------------|--------------|-------------------|--|
| www.fciconnect.com |            |            | surface<br>ISO 1302                            |        | ✓              |  | tolerance std<br>ISO 406 ISO 1101 |  | projection<br> |              | mm<br>            |  |
|                    |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED          |        |                |  |                                   |  |                |              |                   |  |
| Dr                 | Stroeykens | 2002/06/30 | ANGULAR                                        | LINEAR | 0.X            |  | ±0.3                              |  | size<br>A4     | Scale<br>1:1 |                   |  |
| Eng                | G.Nys      | 2002/06/30 |                                                |        | 0.XX           |  | ±0.1                              |  |                |              |                   |  |
| Chr                | W.Panis    | 2002/06/30 |                                                |        | 0.XXX          |  | ±0.05                             |  |                |              |                   |  |
| Appr               | W.Panis    | 2002/06/30 | 0° ±y°                                         |        | Product family |  |                                   |  | SOFIX          |              | ECN LS07-0255     |  |
|                    |            |            | Product family                                 |        |                |  | SOFIX                             |  |                |              | Spec ref RELEASED |  |
|                    |            |            | title SHIELDED LOOP CABL. CONN.<br>IDC 24 POS. |        |                |  | dwg no 72803_C                    |  |                |              | Rev.              |  |
|                    |            |            |                                                |        |                |  |                                   |  |                |              | G                 |  |
| catalog no         |            |            | CUSTOMER COPY                                  |        |                |  | sheet 3 of 9                      |  |                |              |                   |  |

REV F - 2006-04-17

PDM: Rev:G

STATUS: Released

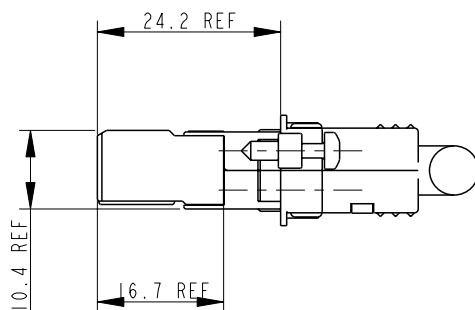
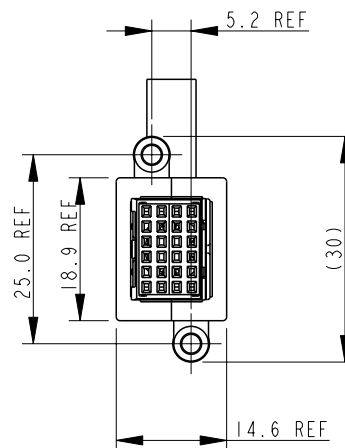
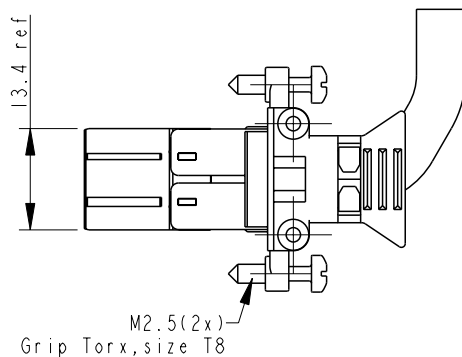
Printed: Jan 30, 2008

LEAD FREE PRODUCT NO.

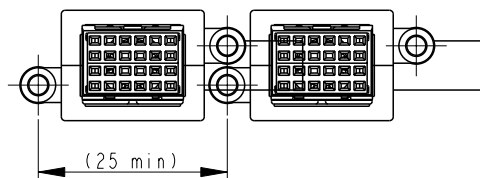
72803-X18LF

72803-X19LF

72803-X20LF



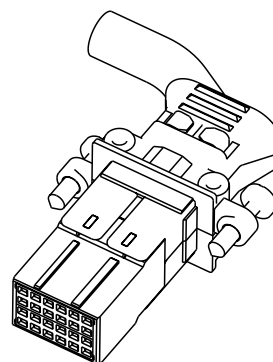
Mounting information



## NOTES:

- 1 BODY MATERIAL.....30% GLASS FILLED POLYAMIDE  
FLAME RETARDENT ACC.UL 94-V0
- 2 COVER MATERIAL.....ZINC ALLOY
- 3 TERMINAL MATERIAL.....TINBRONZE
- 4 CUP SPRING MATERIAL.....HARDENED STEEL
- 5 SCREW MATERIAL.....STEEL
- 6 TUBULAR RIVET MATERIAL...BRASS
- 7 PRODUCT MARKING.....PARTNUMBER & MANUFACT. DATE
- 8 RoHS INFORMATIONS:

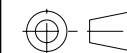
- This "LF" product meets European Union Directives and other country regulations as described in GS-22-008.
- This product is not intended to be exposed to a manufacturing solder process.
- Packaging Spec: GS-14-920.



www.fciconnect.com

surface  
ISO 1302tolerance std  
ISO 406 ISO 1101

projection



mm

TOLERANCES UNLESS OTHERWISE SPECIFIED

|      |            |            |                |  |        |      |          |             |              |
|------|------------|------------|----------------|--|--------|------|----------|-------------|--------------|
| Dr   | Stroeykens | 2002/06/30 | ANGULAR        |  | LINEAR | 0.X  | ±0.3     | size<br>A 4 | Scale<br>1:1 |
| Eng  | G.Nys      | 2002/06/30 |                |  |        | 0.XX | ±0.1     |             |              |
| Chr  | W.Panis    | 2002/06/30 |                |  |        | 0°   | ±y°      |             |              |
| Appr | W.Panis    | 2002/06/30 | Product family |  |        |      | SOFIX    | ECN         | LS07-0255    |
|      |            |            |                |  |        |      | Spec ref | RELEASED    |              |



title SHIELDED LOOP CABL. CONN.  
IDC 24 POS.

catalog no

dwg no

72803\_C

Rev.

G

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sheet 4 of 9

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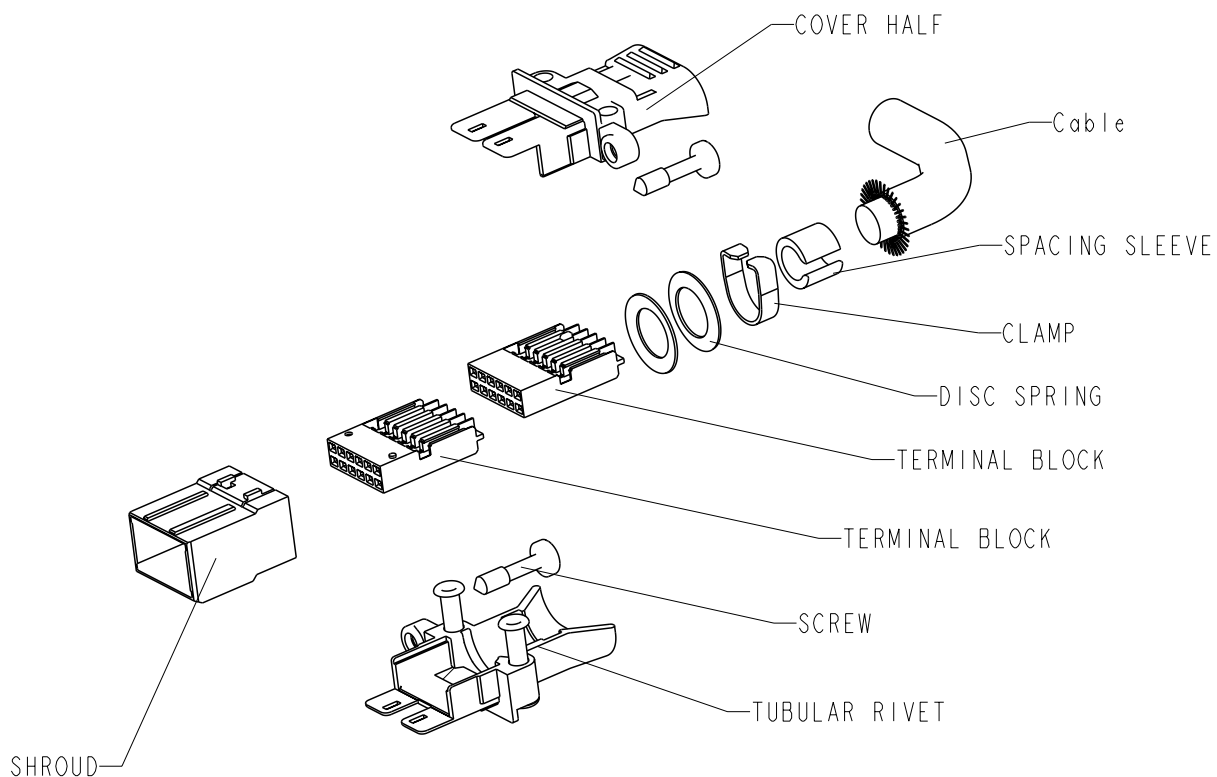
PDM: Rev:G

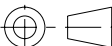
STATUS:Released

Printed: Jan 30, 2008

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|                                                                                     |            |            |                                          |        |                                      |               |                                                                                                     |              |                                                                                             |           |
|-------------------------------------------------------------------------------------|------------|------------|------------------------------------------|--------|--------------------------------------|---------------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|-----------|
| www.fciconnect.com                                                                  |            |            | surface<br>ISO 1302                      |        | tolerance std<br>ISO 406    ISO 1101 |               | projection<br> |              | mm<br> |           |
|                                                                                     |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED    |        |                                      |               |                                                                                                     |              |                                                                                             |           |
| Dr                                                                                  | Stroeykens | 2002/06/30 | ANGULAR                                  | LINEAR | 0.X                                  | ±0.3          | size<br>A4                                                                                          | Scale<br>1:1 |                                                                                             |           |
| Eng                                                                                 | G.Nys      | 2002/06/30 |                                          |        | 0.XX                                 | ±0.1          |                                                                                                     |              |                                                                                             |           |
| Chr                                                                                 | W.Panis    | 2002/06/30 |                                          |        | 0°    ±y°                            | 0.XXX         |                                                                                                     |              |                                                                                             |           |
| Appr                                                                                | W.Panis    | 2002/06/30 | Product family                           |        |                                      | SOFIX         |                                                                                                     | Spec ref     |                                                                                             | RELEASED  |
|  |            | title      | SHIELDED LOOP CABL. CONN.<br>IDC 24 POS. |        |                                      | dwg no        | 72803_C                                                                                             |              |                                                                                             | Rev.<br>G |
|                                                                                     |            |            |                                          |        |                                      |               |                                                                                                     |              |                                                                                             |           |
|                                                                                     |            | catalog no |                                          |        |                                      | CUSTOMER COPY |                                                                                                     | sheet 5 of 9 |                                                                                             |           |

## LEAD FREE PART NUMBER

Kit: 72803-X22LF  
72803-X19LF  
72803-X20LF



| COMPONENTS       | QTY |
|------------------|-----|
| SHROUD           | 1   |
| COVER HALF       | 1   |
| COVER HALF       | 1   |
| TUBULAR RIVET    | 2   |
| SCREW            | 2   |
| DISC SPRING      | 2   |
| CLAMP            | 1   |
| TERMINAL BLOCK 1 | 1   |
| TERMINAL BLOCK 2 | 1   |
| SPACING SLEEVE   | 1   |
| CABLE            | 1   |

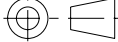


Dimension with oval around are critical dimensions including any attached geometrical tolerance. Other features or stand-alone geometrical tolerances being critical have a note "CRITICAL FEATURE" below the item

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|                                                                                     |            |            |                                          |        |           |                                      |            |                                                                                                     |  |                                                                                             |           |
|-------------------------------------------------------------------------------------|------------|------------|------------------------------------------|--------|-----------|--------------------------------------|------------|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-----------|
| www.fciconnect.com                                                                  |            |            | surface<br>ISO 1302                      |        | ✓         | tolerance std<br>ISO 406    ISO 1101 |            | projection<br> |  | mm<br> |           |
|                                                                                     |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED    |        |           |                                      |            |                                                                                                     |  |                                                                                             |           |
| Dr                                                                                  | Stroeykens | 2002/06/30 | ANGULAR                                  | LINEAR | 0.X       | ±0.3                                 | size<br>A4 | Scale<br>1:1                                                                                        |  |                                                                                             |           |
| Eng                                                                                 | G.Nys      | 2002/06/30 |                                          |        | 0.XX      | ±0.1                                 |            |                                                                                                     |  |                                                                                             |           |
| Chr                                                                                 | W.Panis    | 2002/06/30 |                                          |        | 0°    ±y° | 0.XXX                                |            |                                                                                                     |  |                                                                                             |           |
| Appr                                                                                | W.Panis    | 2002/06/30 | Product family                           |        |           |                                      | SOFIX      | Spec ref                                                                                            |  | RELEASED                                                                                    |           |
|  |            | title      | SHIELDED LOOP CABL. CONN.<br>IDC 24 POS. |        |           |                                      | dwg no     | 72803_C                                                                                             |  |                                                                                             | Rev.<br>G |
|                                                                                     |            |            |                                          |        |           |                                      |            |                                                                                                     |  |                                                                                             |           |
|                                                                                     |            |            | catalog no                               |        |           |                                      |            | CUSTOMER COPY                                                                                       |  | sheet 6 of 9                                                                                |           |

REV F - 2006-04-17

PDM: Rev:G

STATUS: Released

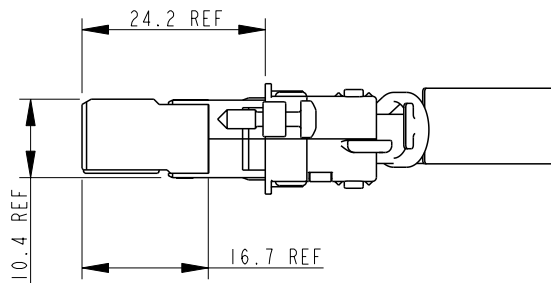
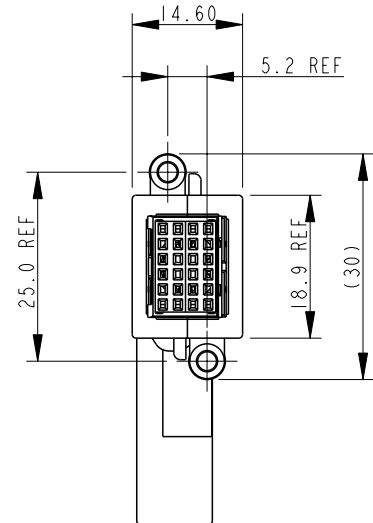
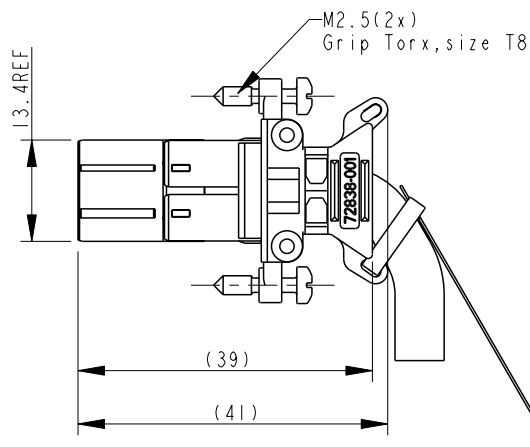
Printed: Jan 30, 2008

LEAD FREE PRODUCT NO.

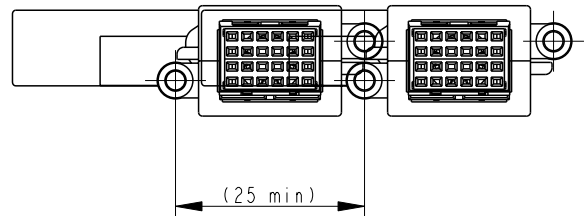
72803-X24LF

72803-X25LF

72803-X26LF



Mounting information



## NOTES:

1 BODY MATERIAL.....30% GLASS FILLED POLYAMIDE  
FLAME RETARDANT ACC.UL 94-V0

2 COVER MATERIAL.....ZINC ALLOY

3 TERMINAL MATERIAL.....TINBRONZE

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5 SCREW MATERIAL.....STEEL

6 TUBULAR RIVET MATERIAL...BRASS

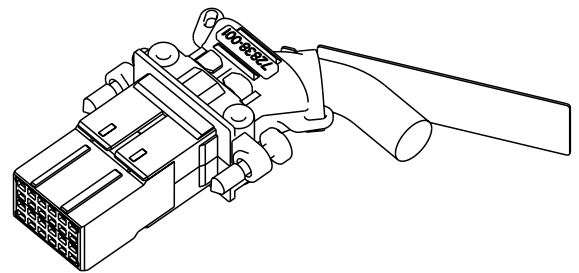
7 PRODUCT MARKING.....PARTNUMBER &amp; MANUFACT. DATE

8 RoHS INFORMATIONS:

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-This product is not intended to be exposed to a manufacturing solder process.

-Packaging Spec: GS-14-920.



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surface

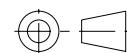
ISO 1302



tolerance std

ISO 406 ISO 1101

projection



mm



TOLERANCES UNLESS OTHERWISE SPECIFIED

Dr Stroeykens 2002/06/30

Eng G.Nys 2002/06/30

Chr W.Panis 2002/06/30

Appr W.Panis 2002/06/30

ANGULAR

LINEAR

0.X

±0.3

0.XX

±0.1

0.XXX

±0.05

size

A4

Scale

1:1

ECN

LS07-0255

Spec ref

RELEASED

Product family

SOFIX



title

SHIELDED LOOP CABL. CONN.

IDC 24 POS.

catalog no

dwg no

72803\_C

Rev.

G

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sheet 7 of 9

REV F - 2006-04-17

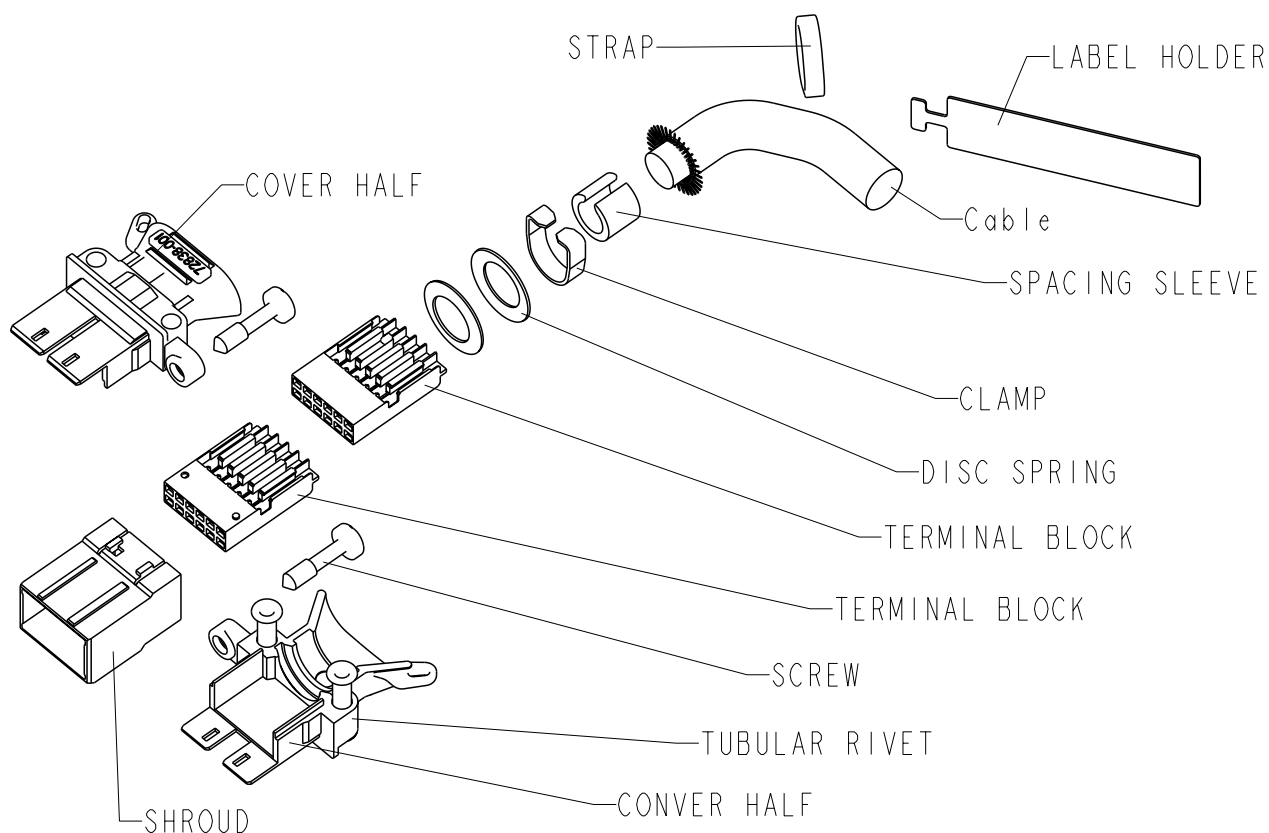
PDM: Rev:G

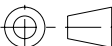
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|-------------------------------------------------------------------------------------|------------|------------|------------------------------------------|--------|--------------------------------------|-------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|-----------|
| www.fciconnect.com                                                                  |            |            | surface<br>ISO 1302                      |        | tolerance std<br>ISO 406    ISO 1101 |       | projection<br> |              | mm<br> |           |
|                                                                                     |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED    |        |                                      |       |                                                                                                     |              |                                                                                             |           |
| Dr                                                                                  | Stroeykens | 2002/06/30 | ANGULAR                                  | LINEAR | 0.X                                  | ±0.3  | size<br>A4                                                                                          | Scale<br>1:1 |                                                                                             |           |
| Eng                                                                                 | G.Nys      | 2002/06/30 |                                          |        | 0.XX                                 | ±0.1  |                                                                                                     |              |                                                                                             |           |
| Chr                                                                                 | W.Panis    | 2002/06/30 |                                          |        | 0°    ±y°                            | 0.XXX |                                                                                                     |              |                                                                                             |           |
| Appr                                                                                | W.Panis    | 2002/06/30 | Product family                           |        |                                      |       | SOFIX                                                                                               | Spec ref     |                                                                                             | RELEASED  |
|  |            | title      | SHIELDED LOOP CABL. CONN.<br>IDC 24 POS. |        |                                      |       | dwg no                                                                                              | 72803_C      |                                                                                             | Rev.<br>G |
|                                                                                     |            |            |                                          |        |                                      |       |                                                                                                     |              |                                                                                             |           |
|                                                                                     |            |            |                                          |        |                                      |       |                                                                                                     |              |                                                                                             |           |
|                                                                                     |            | catalog no |                                          |        |                                      |       | CUSTOMER COPY                                                                                       |              | sheet 8 of 9                                                                                |           |



## LEAD FREE PART NUMBER

Kit: 72803-X24LF  
72803-X25LF  
72803-X26LF



| COMPONENTS       | QTY |
|------------------|-----|
| SHROUD           | 1   |
| COVER HALF       | 1   |
| COVER HALF       | 1   |
| TUBULAR RIVET    | 2   |
| SCREW            | 2   |
| LABEL HOLDER     | 1   |
| DISC SPRING      | 2   |
| CLAMP            | 1   |
| TERMINAL BLOCK 1 | 1   |
| TERMINAL BLOCK 2 | 1   |
| SPACING SLEEVE   | 1   |
| CABLE            | 1   |



Dimension with oval around are critical dimensions including any attached geometrical tolerance. Other features or stand-alone geometrical tolerances being critical have a note "CRITICAL FEATURE" below the item

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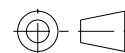
www.fciconnect.com

surface  
ISO 1302



tolerance std  
ISO 406 ISO 1101

projection



mm



TOLERANCES UNLESS OTHERWISE SPECIFIED

|      |            |            |                |     |        |       |       |            |              |
|------|------------|------------|----------------|-----|--------|-------|-------|------------|--------------|
| Dr   | Stroeykens | 2002/06/30 | ANGULAR        |     | LINEAR | 0.X   | ±0.3  | size<br>A4 | Scale<br>1:1 |
| Eng  | G.Nys      | 2002/06/30 |                |     |        | 0.XX  | ±0.1  |            |              |
| Chr  | W.Panis    | 2002/06/30 | 0°             | ±y° |        | 0.XXX | ±0.05 |            |              |
| Appr | W.Panis    | 2002/06/30 | Product family |     |        |       | SOFIX | Spec ref   | RELEASED     |



title SHIELDED LOOP CABL. CONN.  
IDC 24 POS.

catalog no

dwg no

72803\_C

Rev.

G

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REV F - 2006-04-17

PDM: Rev:G

STATUS: Released

Printed: Jan 30, 2008

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