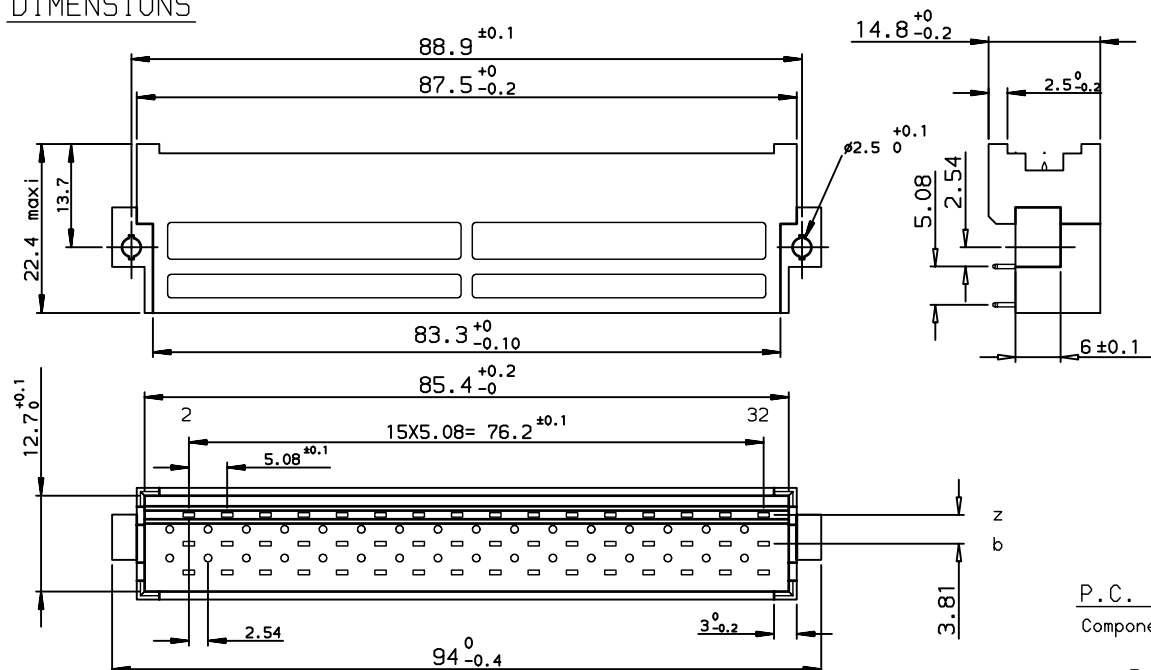


# DIMENSIONS



# ELECTRICAL DATA

|                        |                                                           |
|------------------------|-----------------------------------------------------------|
| -Current at AMB.       | 5.5 A at 20° / 4 A at 70°                                 |
| -Contact resistance    | ≤15mΩ according to DIN 41640 Teil 4 test 2a               |
| -Insulation resistance | ≥10 <sup>8</sup> MΩ according to DIN 41640 teil 7 test 3a |
| -TEST VOLTAGE          | according to DIN 41640 teil 21                            |
| contact/contact        | 1550 V                                                    |
| contact/ground         | 2500 V                                                    |

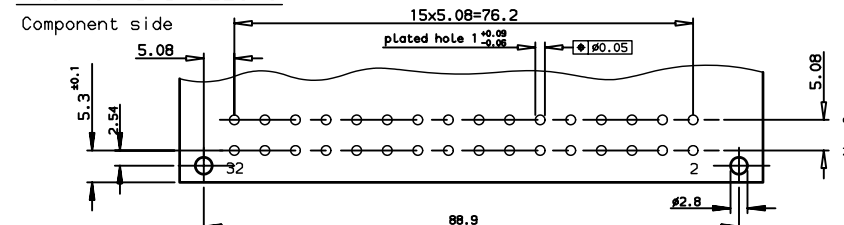
# MECHANICAL DATA

|                            |                                                              |
|----------------------------|--------------------------------------------------------------|
| -Insertion force           | ≤75N                                                         |
| -Mechanical endurance      | -class 1 500 matings unmatings according to DIN41640 teil 21 |
|                            | -class 2 400 matings unmatings according to DIN41640 teil 21 |
| -Material insulator        | PBT MARKING LASER COMPATIBLE UL94V0                          |
| -Material contacts         | Bronze                                                       |
| -Finishing contact surface | Gold over nickel Lead Free                                   |
| -Finishing termination     | Lead-Free                                                    |
| -Shock                     | ≤30m/s according to DIN 41640 Teil 14 test 6c                |
| -Vibration                 | -class 1 10-2000Hz/20g according to DIN 41640 Teil 15        |
|                            | -class 2 10-500Hz/5g according to DIN 41640 Teil 15          |

# ENVIRONMENTAL DATA

|                    |                                  |
|--------------------|----------------------------------|
| -Climatic category | According to DIN 41612 - class 2 |
| -Corrosion         | According to DIN 41612 - class 2 |

# P.C. CARD DRILLING

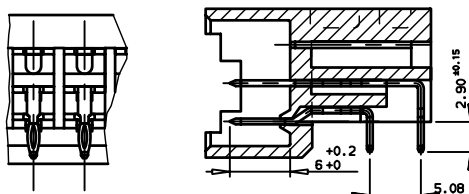


# NOTE RoHS INFORMATION

- The "LF" products meet European Union Directives and other country regulations as described in 65-22-008.
- For the right angled versions, like the current leaded versions, it's recommended to use high temperature adhesive or metallic device, to protect the nearest plastic part in contact with of the solder wave, to avoid any visual plastic deterioration.
- Packaging spec: see 65-14-920.

|                           |                         |
|---------------------------|-------------------------|
| PART NUMBER               | 5159-009-32-69-4-130-LF |
| STYLE F                   |                         |
| NUMBER OF CONTACTS        |                         |
| TERMINATION               |                         |
| Angled spills pree fit    |                         |
| PERFORMANCE CLASS         |                         |
| DIN 41612 class 2         |                         |
| DIN 41612 class 1         | 9                       |
| CONTACT TERMINATION       |                         |
| Angled spills 5.08 X 5.08 |                         |
| FOR LEAD-FREE VERSION     |                         |

# TERMINATION



| rev | ecn no    | dr  | date       |
|-----|-----------|-----|------------|
| E   | -         | SJO | 2005/12/13 |
| F   | LS06-0019 | LGO | 2006/04/10 |
| G   | LS06-0097 | LGO | 2006/07/26 |
| H   | LS07-0288 | LGO | 2007/11/19 |
| -   | -         | -   | -          |
| -   | -         | -   | -          |
| -   | -         | -   | -          |

|                                                                                       |            |            |                                                            |        |                                   |      |                                                                                                     |              |                                                                                             |  |
|---------------------------------------------------------------------------------------|------------|------------|------------------------------------------------------------|--------|-----------------------------------|------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |            |            | surface<br>ISO 1302                                        |        | tolerance std<br>ISO 406 ISO 1101 |      | projection<br> |              | mm<br> |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED                                                 |            |            |                                                            |        |                                   |      |                                                                                                     |              |                                                                                             |  |
| Dr                                                                                    | P.LELEON   | 1996/07/11 | ANGULAR                                                    | LINEAR | 0.X                               | ±0.1 | size<br>A3                                                                                          | Scale<br>1.5 |                                                                                             |  |
| Eng                                                                                   | L.GOISNARD | 1996/07/11 |                                                            |        | 0.XX                              | ±0.1 |                                                                                                     |              |                                                                                             |  |
| Chr                                                                                   | P.LEGARE   | 1996/07/11 |                                                            |        | 0.XXX                             | ±0.1 |                                                                                                     |              |                                                                                             |  |
| Appr                                                                                  | P.LEGARE   | 1996/07/11 | Product family                                             |        | DIN POWER 5159                    |      | ECN LS07-0288<br>Spec ref -                                                                         |              |                                                                                             |  |
|  |            |            | title<br>MALE CONNECTOR FORM F 2R<br>-32 PRESSFIT CONTACTS |        |                                   |      | dwg no<br>C01-5159-0030                                                                             |              | Rev.<br>H                                                                                   |  |
|                                                                                       |            |            | catalog no -                                               |        |                                   |      |                                                                                                     |              |                                                                                             |  |
|                                                                                       |            |            | CUSTOMER sheet 1 of 1                                      |        |                                   |      |                                                                                                     |              |                                                                                             |  |

REV F - 2006-04-17