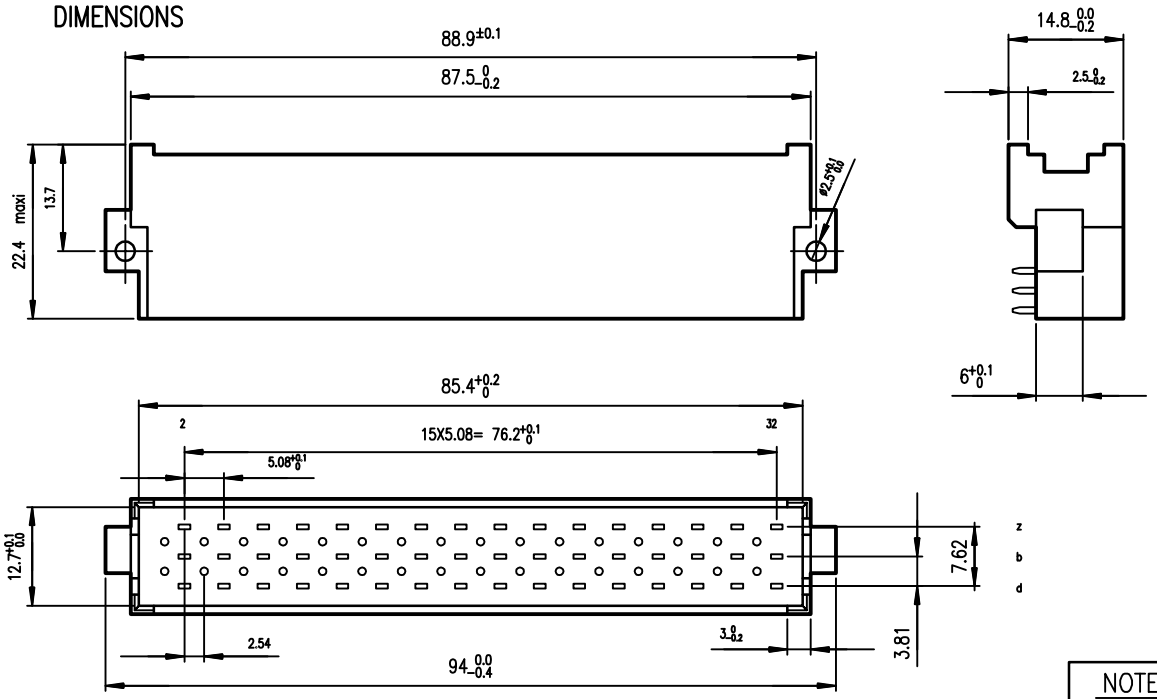
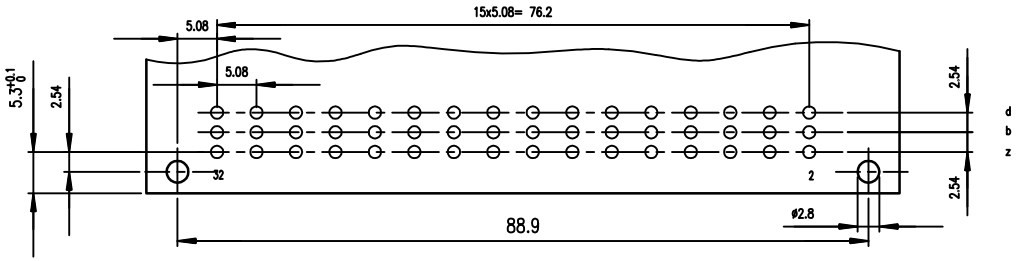
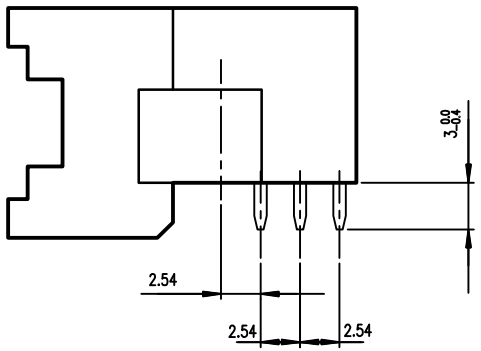
## DIMENSIONS




## P.C. CARD DRILLING




## TERMINATION




## 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 | ≥ $10^6$ 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 | 400 matings unmatings according to DIN41640 teil 21 |
| –Material insulator | Polycarbonate UL94V1 |
| –Material contacts | Copper alloy |
| –Finishing contact surface | Gold over nickel |
| –Finishing termination | Lead–Free |
| –Schock | ≤30mΩ according to DIN 41640 Teil 14 test 6c |
| –Vibration | 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 |

PERFORMANCES AS PER DIN 41612 STYLE F CLASS 2

## NOTE RoHS INFORMATION

– The "LF" products meet European Union Directives and other country regulations as described in GS–22–008.
– The housing will whistand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.
– For the right angled versions , like the current leaded versions, it's recommended to use high temperature adhesive or metallic device, to protect the nearlest plastic part in contact with of the solder wave, to avoid any visual plastic deterioration.

LEAD–FREE PART–NUMBER
5159009486354111LF

| rev | ecn no | dr | date |
|---|---|---|---|
| A | – | DET | 1993/12/22 |
| B | – | LGO | 2005/12/13 |
| C | LS06–0022 | LGO | 2006/01/26 |
| D | LS06–0095 | LGO | 2006/07/28 |
| E | LS07–0288 | LGO | 2007/11/12 |
| F | F10–0214 | APA | 2010/10/01 |
| G | F12–0053 | APA | 2012/05/07 |

| | | |
|---|---|---|
| Dr | ETIEMBRE | 1993/12/22 |
| Eng | GOISNARD | 1993/12/22 |
| Chr | LEGARE | 1993/12/22 |
| Appr | LEGARE | 1993/12/22 |

www.fciconnect.com
surface ISO 1302 | tolerance std ISO 406 ISO 1101
TOLERANCES UNLESS OTHERWISE SPECIFIED
ANGULAR 0.X° ±2° | LINEAR 0.X ±0.1 | 0.XX ±0.1 | 0.XXX ±0.1
Product family DIN
projection: European Views | mm | size A3 | Scale 1.5 | ECN F12–0053 | Spec ref –

title: MALE CONNECTOR 3 ROWS
48 CONTACTS, STYLE F
catalog no –
dwg no C01–5159–0005 Rev. G
CUSTOMER sheet 1 of 1

REV F – 2006–04–17

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PDM: Rev:G STATUS: Released Printed: May 24, 2012

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## Amphenol:

62GB56TG1404PN 97-3102A-10SL-3P(958) M39012/56-3028 M85049/52S18W MS3102A-14S-2SY RTS010N4S03 034-1046 SLPIPB70BSB2EH D38999/20WE6PN M85049/1819W03 97-4106A-18-12P PTIH-8-4P RJHSE7367 M85049/79-09W02 M85049/7915W03 MUSB2K15015BP CF-198136-000 EP-8-11P 112589 9760-24P C016 20G003 200 12 GTC08-32-17SX-025-LC MA1LAE1200-KIT 122373 GTS08-32-17SY-025 L77SDC37SVFC309 1115-6088 97-14S-6P AD-NPMCXJ-2 MRDAH03M15000