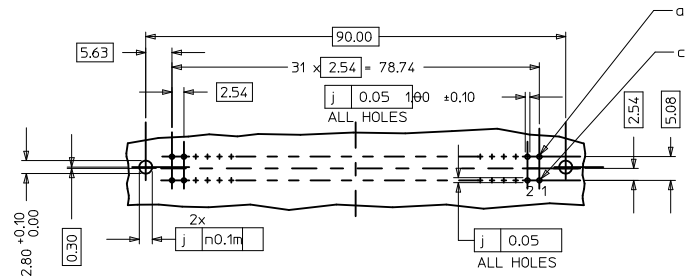


RECOMMENDED PCB LAYOUT
COMPONENT SIDE

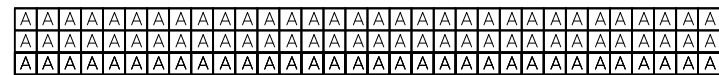


- NOTES:
- MATERIALS: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-0, COLOUR: PEBBLE GREY RAL 7032
TERMINAL - PHOSPHOR BRONZE
MOUNTING CLIP: STEEL
 - FINISH: TERMINAL:-
CONTACT AREA
A. PERFORMANCE LEVEL 1: SELECTIVE GOLD (Au), THICKNESS = 1.27 MICROMETER OVER NICKEL THICKNESS = 1.8 MICROMETER
B. PERFORMANCE LEVEL 2: SELECTIVE GOLD (Au), THICKNESS = 0.8 MICROMETER OVER NICKEL THICKNESS = 1.8 MICROMETER
C. PERFORMANCE LEVEL 3: SELECTIVE GOLD (Au), THICKNESS = 0.3 MICROMETER OVER NICKEL THICKNESS = 1.8 MICROMETER
TERMINATION AREA:
SELECTIVE TIN, THICKNESS = 5 MICROMETER OVER NICKEL, THICKNESS 1.8 MICROMETER OVERALL.
 - MOUNTING CLIP:
TIN (Sn), THICKNESS = 5-10 MICROMETER OVER NICKEL (Ni) THICKNESS = 2.5 MICROMETER.
 - FOR NON MOUNTING CLIP OPTION, CONNECTOR TO BE SECURED WITH RIVETS: 2 TABULAR RIVETS 2.5 X 0.3 ..DIN 7340 SCREWS: 2 CHEESEHEAD SCREWS M2.5 X ..DIN 84 AND 2 HEXAGONAL NUTS M2.5 DIN 934.
 - MATERIAL No, BATCH CODE, UL AND CSA MARKING TO BE PRINTED ON THE CONNECTOR.
 - CUT FACES OF TIP WITHOUT PLATING PERMITTED.

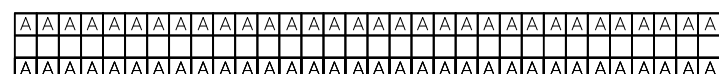
| | | | | | | | |
|--|-------------------------------|---------------------------------------|---------|----------------------------|---|--|---------------------------|
| EC NO: I2010-0265 2009/12/11 DRWN: SNS01 CHKD: KPRASAD APPR: KPRASAD 2009/12/28 2010/01/06 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | SCALE 4:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | m | INCH | DRAWN BY PRASHANT | DATE 2004/12/07 | TITLE ASSEMBLY, DIN 41612 C FEMALE, 96 POS | |
| REV 2 | DESCRIPTION | 4 PLACES | ± --- | ± --- | CHECKED BY SSUDHIR | DATE 2004/12/07 | MATERIAL NO. SEE CHART |
| | | 3 PLACES | ± 0.005 | ± --- | APPROVED BY SSUDHIR | DATE 2004/12/07 | |
| | | 2 PLACES | ± 0.1 | ± --- | MATERIAL NO. SEE CHART | | SHEET NO. 1 OF 2 |
| | | 1 PLACE | ± 0.15 | ± --- | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |

| MATERIAL No | PERF LEVEL | PLATING | CONTACT SEQUENCE/ROW | DIM "L" mm | MOUNTING CLIP NO. | FLUX PROOF |
|-------------|------------|---------|----------------------|------------|-------------------|------------|
| 850421249 | 1 | Au+Ni | 1,2,3....32 a+c | 4.5 | NO | NO |
| 850420385 | 2 | Au+Ni | 1,2,3....32 a+b+c | 2.9 | NO | NO |
| 850420191 | 2 | Au+Ni | 1,2,3....32 a+c | 4.5 | NO | NO |
| 850420270 | 2 | Au+Ni | 1,2,3....32 a+b+c | 4.5 | NO | NO |
| 850420397 | 2 | Au+Ni | 2,4,6....32 a+c | 4.5 | NO | NO |
| 850421043 | 1 | Au+Ni | 1,2,3....32 a+b+c | 4.5 | NO | NO |
| 850421079 | 2 | Au+Ni | 1,2,3....32 a+b+c | 2.9 | YES | NO |
| 850421213 | 2 | Au+Ni | 1,2,3....32 a+b+c | 4.5 | YES | NO |
| 850421304 | 1 | Au+Ni | 1,2,3....32 a+b+c | 2.9 | NO | NO |
| 850422347 | 2 | Au+Ni | 1,2,3....32 a+b+c | 2.9 | NO | YES |
| 850422529 | 2 | Au+Ni | 1,2,3....32 a+c | 2.9 | YES | NO |
| 850423316 | 2 | Au+Ni | 2,4,6....32 a+c | 2.9 | YES | YES |
| 850424696 | 2 | Au+Ni | 1,2,3....32 a+c | 4.5 | YES | NO |
| 850424763 | 2 | Au+Ni | 2,4,6....32 a+c | 2.9 | NO | NO |
| 850426232 | 2 | Au+Ni | 1,2,3....32 a+b+c | 4.5 | YES | NO |
| 850429017 | 3 | Au+Ni | 1,2,3....32 a+b+c | 4.5 | YES | NO |

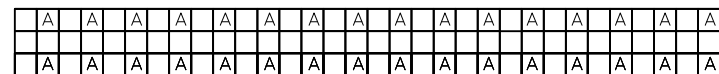
VIEW ON MATING SIDE (96PINS)



VIEW ON MATING SIDE (64PINS)

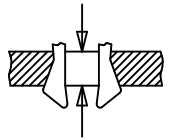


VIEW ON MATING SIDE (32PINS)



CLIPS SNAP UNDER
PC - BOARD OF
1.5 to 1.8 mm
Fm <= 60N
Fr >= 20N
Fr >= 200N, WHEN
SOLDERED IN
PLATED - THROUGH
FIXING HOLES

Fm = MOUNTING FORCE
(FOR ONE CONNECTOR = 2 CLIPS)



FR = RETENTION FORCE
(FOR ONE CONNECTOR = 2 CLIPS)

CLIPS STICK IN
FIXING HOLE OF
PC - BOARDS
OVER 1.8 mm
Fm <= 60N
FR >= 16N



| | | | | | | | | | |
|---|-------------------------------|---|---|-----------------------------------|--------------------|---|------------------------|------------------------------|--|
| EC NO: I2010-0265 2009/12/11 DRWN:SN601 2009/12/28 CHKD:KPRASAD APPR:KPRASAD 2010/01/06 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± 0.05 ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.15 ± --- | mm INCH ± --- ± --- ± 0.05 ± --- ± 0.1 ± --- ± 0.15 ± --- | DRAWN BY PRASHANT | DATE 2004/12/07 | TITLE ASSEMBLY, DIN 41612, C FEMALE, 96 POS | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY PRASHANT | | DATE 2004/12/07 | | MOLEX INCORPORATED | | SHEET NO. 2 OF 2 | |
| SIZE A 2 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | DOCUMENT NO. SD-85042-001 | |

View on mating side

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ○ | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| ○ | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| ○ | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A |

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

A = 87 standard contacts L=4,5

| | |
|-------------------|--|
| Marking | Standard |
| Performance level | G2/0 = Contact area level2 / Termination tin |
| Flux proof | no |
| Fixing clip | yes |
| Dimensions | SDA-85042-0001 sht.1 |
| Technical Data | PS-85042-0001 |

| | | | | |
|----------------|----------------|-------------------------|-------------|-------------|
| A | G2/0 | bl-23,27-32 | bl-23,27-32 | cl-23,27-32 |
| Contact symbol | Perform. level | Contact position number | | |

| | | | | |
|--|--|--|---|-------------------------------------|
| ECN MG2000-0382 | first release | 00-04-28 ER | REVISIONS | FOR PREVIOUS REVISIONS SEE MRI LIST |
| ECN MG2000-0382 | 00-04-28 ER | REVISIONS | | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2° | DRWG BY ER | SIGN | | |
| INCH | CHK'D BY KN | SIGN | | |
| METRIC | APP'D BY FB | SIGN | | |
| 3 PLACE ± . | DESIGN DIMENSION | <input type="checkbox"/> MM <input type="checkbox"/> IN. | | |
| 2 PLACE ± . | EQUIVALENT DIMENSION | <input type="checkbox"/> MM <input type="checkbox"/> IN. | | |
| 1 PLACE ± . | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | SCALE |
| IF TWO DIMENSIONS ARE SHOWN, THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY | | | | |
| REVISE ONLY ON CAD SYSTEM | | | SH. REV. | |
| CAD/CAM PROJECT NAME | | | THIS DRAWING CONTAINS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |
| TITLE | | | SHEET NO. | DATE |
| 96 pos. female connector acc. DIN 41612 style C contacts arrangement | | | 1 OF 1 | 00/04/28 |
| MOLEX MOLEX EUROPE | | | DWG NO. | SDA-85042-6232 |
| PART NO. | | | SIZE | |
| 85042-6232 | | | A | |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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