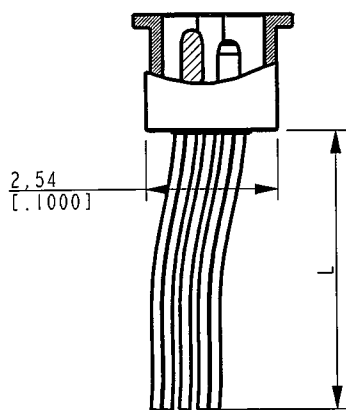
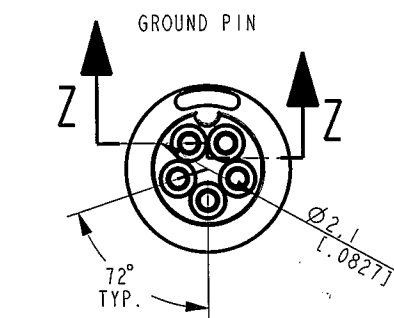


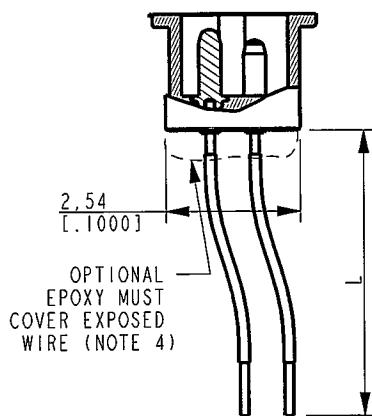
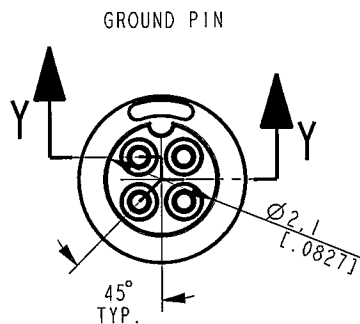
- NOTES:
1. ANY HOUSING MAY BE ASSEMBLED WITH RIGID PINS OR FLEXIBLE INSULATED OR UNINSULATED WIRES.
  2. SEE SHEET 2 FOR HOUSING OPTIONS.
  3. GROUND PIN IS 0.20mm LONGER THAN OTHER PINS.
  4. EPOXY IS OPTIONAL FOR ASSEMBLIES WITH FLEXIBLE WIRES.
  5. NO DAMAGE OR GOUGING ALLOWED ON PINS AFTER INSERTION INTO HOUSING. MAX. FLATNESS ON TOP OF PIN IS  $\varnothing$  0.21mm

5-PIN CONFIGURATION  
(SHOWN WITH FLEXIBLE UNINSULATED LEADS)



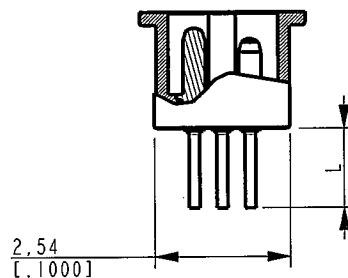
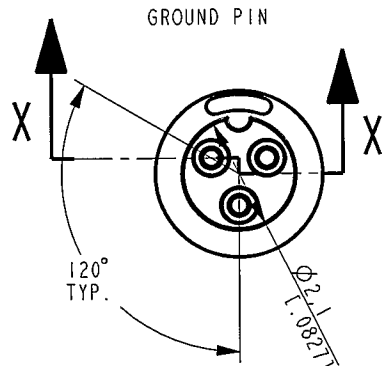
SECTION Z - Z

4-PIN CONFIGURATION  
(SHOWN WITH FLEXIBLE INSULATED LEADS)



SECTION Y - Y

3-PIN CONFIGURATION  
(SHOWN WITH RIGID LEADS)



SECTION X - X

MECHANICAL DATA

|       |                                 |                  |
|-------|---------------------------------|------------------|
| 1.1   | INSERTION FORCE (SOCKET/PLUG):  |                  |
| 1.1.1 | SOCKET (3 TERMINALS)            | >2.5 N (0.6 lb.) |
| 1.1.2 | SOCKET (4 TERMINALS)            | >3.0 N (0.7 lb.) |
| 1.1.3 | SOCKET (5 TERMINALS)            | >4.0 N (0.9 lb.) |
| 1.2   | EXTRACTION FORCE (SOCKET/PLUG): |                  |
| 1.2.1 | SOCKET (3 TERMINALS)            | <5.5 N (1.2 lb.) |
| 1.2.2 | SOCKET (4 TERMINALS)            | <8.0 N (1.8 lb.) |
| 1.2.3 | SOCKET (5 TERMINALS)            | <8.0 N (1.8 lb.) |

ELECTRICAL DATA

|     |                                                                       |                 |
|-----|-----------------------------------------------------------------------|-----------------|
| 2.1 | CONTACT RESISTANCE                                                    | <150 m $\Omega$ |
| 2.2 | CONTACT RESISTANCE STABILITY<br>(PULLING WITH 100g IN ALL DIRECTIONS) | <150 m $\Omega$ |
| 2.3 | INSULATION RESISTANCE                                                 | >1 M $\Omega$   |
| 2.4 | CURRENT (CONTINUOUS)                                                  | =500 mA MAX.    |

ENVIRONMENTAL DATA

|       |                                 |                                                                                                                     |
|-------|---------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 3.1   | SOLDERING TEMPERATURE/TIME      | 400°C (750°F) FOR 1 SECOND                                                                                          |
| 3.2   | SOLDERING DISTANCE FROM HOUSING | 0.5mm (0.02in.) NO MECHANICAL STRESS TO BE APPLIED TO COMPONENT DURING SOLDERING                                    |
| 3.3   | BENDING OF TERMINALS:           |                                                                                                                     |
| 3.3.1 | RIGID TERMINALS                 | >2 TIMES 45°                                                                                                        |
| 3.3.2 | FLEXIBLE TERMINALS              | >5 TIMES 90°                                                                                                        |
| 3.4   | PULL STRENGTH OF PINS (INITIAL) | >7N                                                                                                                 |
| 3.5   | PULL STRENGTH OF FLEXIBLE LEADS | >2N                                                                                                                 |
| 3.6   | RECOMMENDED GLUE                | CYANOACRYLATE (NON-BLOOMING).                                                                                       |
| 3.7   | RECOMMENDED CLEANING            | AQUA WASH (ALPHA 2110) BENZINE AMMONIA, 10% SOLUTION WITH DEMINERALIZED WATER, ULTRASONIC CLEANING MUST BE AVOIDED. |

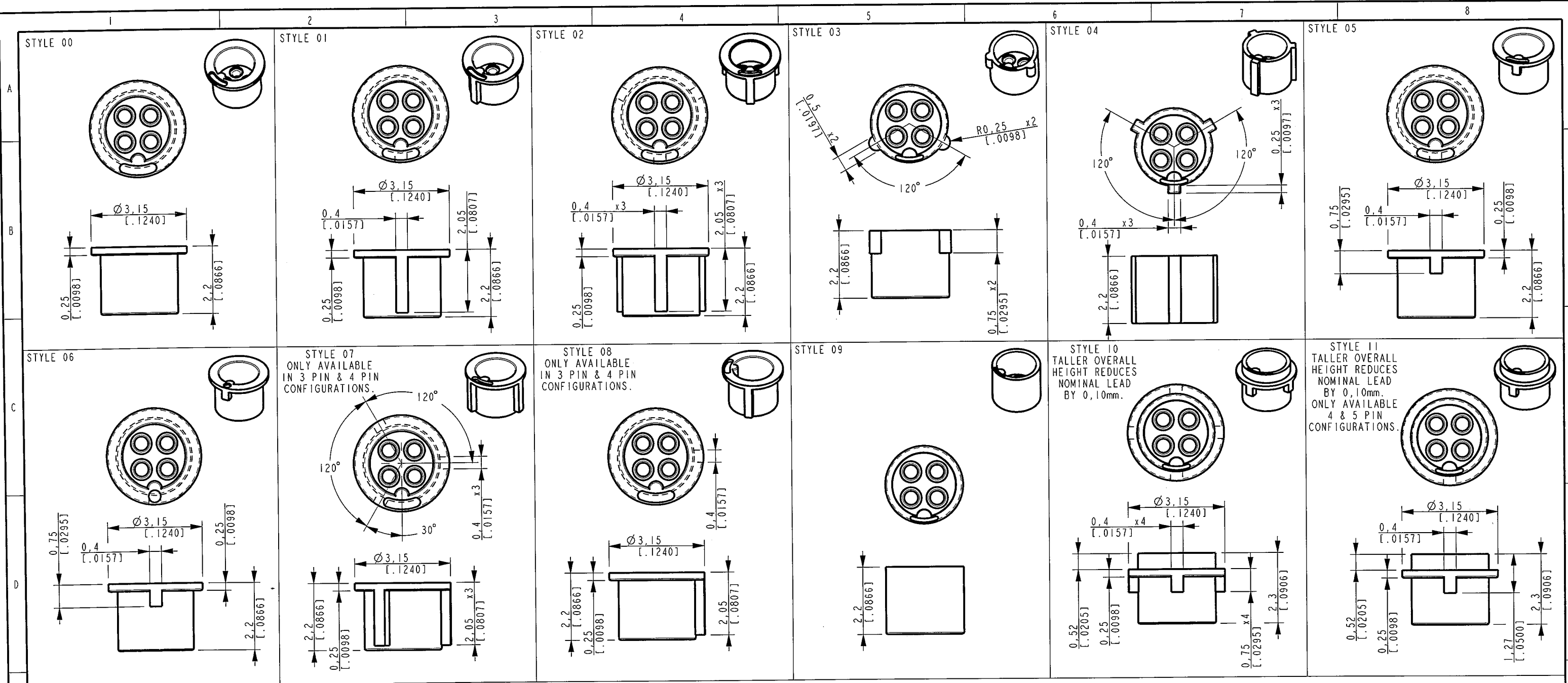
MATERIAL DATA

|     |                              |                                                |
|-----|------------------------------|------------------------------------------------|
| 4.1 | HOUSING                      | THERMOPLASTIC                                  |
| 4.2 | CONTACT PIN                  | GOLD-PLATED                                    |
| 4.3 | FLEXIBLE LEADS (UNINSULATED) | SOLID SILVER                                   |
| 4.4 | FLEXIBLE LEADS (INSULATED)   | SILVER-PLATED COPPER                           |
| 4.5 | ALL MATERIALS                | COMPLIANCE WITH EU DIRECTIVE 2002/95/EC (RoHS) |

| LEAD TYPE              | LENGTH L                     |
|------------------------|------------------------------|
| RIGID                  | 0.50, 0.80, 1.00, 1.50 mm    |
| FLEXIBLE (INSULATED)   | 5, 10, 15, 20, 25, 30, 40 mm |
| FLEXIBLE (UNINSULATED) | 5, 10, 15, 20 mm             |

RED CONTROLLED

|                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |                                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------------------------------|--|
| SCALE: 10:1                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  | MATERIAL:                      |  |
| FUNDAMENTAL TOLERANCE: $\pm$ 0.05 [0.0019]                                                                                                                                                                                                                                                                                                                                                          |  |  |  | HEAT TREATMENT:                |  |
| ANGLE TOLERANCE: $\pm$ 2°                                                                                                                                                                                                                                                                                                                                                                           |  |  |  | FINISH:                        |  |
| MISMATCH TOLERANCE: $\pm$ 0.05 [0.0019]                                                                                                                                                                                                                                                                                                                                                             |  |  |  | TITLE:                         |  |
| C C10104073 03/28/06 BCS                                                                                                                                                                                                                                                                                                                                                                            |  |  |  | CONNECTOR SOCKET SPECIFICATION |  |
| B C10103278 10/18/05 BCS                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                                |  |
| A C10101522 10/08/04 ALP                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                                |  |
| REV. CHANGE # DATE NAME                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                |  |
| DESIGNED 12/08/03 BCS                                                                                                                                                                                                                                                                                                                                                                               |  |  |  | RELEASED LEVEL: 1 RELEASED     |  |
| CHECKED 03/28/06 BCS                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | DRAWING NUMBER: 0009-400       |  |
| RELEASED 03/28/06 TJ                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | SHEETS: 1 of 2                 |  |
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RED CONTROLLED

|                                                                                                                                                                                                                                                                                                                                                                                                     |           |          |      |                                        |          |                                |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------|----------------------------------------|----------|--------------------------------|-------------|
|                                                                                                                                                                                                                                                                                                                                                                                                     |           |          |      | SCALE: 8:1                             |          | MATERIAL:                      |             |
|                                                                                                                                                                                                                                                                                                                                                                                                     |           |          |      | FUNDAMENTAL TOLERANCE: ± 0.05 [0.0019] |          | HEAT TREATMENT:                |             |
|                                                                                                                                                                                                                                                                                                                                                                                                     |           |          |      | ANGLE TOLERANCE: ± 2°                  |          | FINISH:                        |             |
|                                                                                                                                                                                                                                                                                                                                                                                                     |           |          |      | MISMATCH TOLERANCE: ± 0.05 [0.0019]    |          | TITLE:                         |             |
| C                                                                                                                                                                                                                                                                                                                                                                                                   | C10104073 | 03/28/06 | BCS  | DATE                                   | NAME     | CONNECTOR SOCKET SPECIFICATION |             |
| B                                                                                                                                                                                                                                                                                                                                                                                                   | C10103278 | 10/20/05 | BCS  | DESIGNED                               | 4/14/97  |                                |             |
| A                                                                                                                                                                                                                                                                                                                                                                                                   | C10101522 | 10/08/04 | ALP  | CHECKED                                | 03/28/06 |                                |             |
| REV.                                                                                                                                                                                                                                                                                                                                                                                                | CHANGE #  | DATE     | NAME | RELEASED                               | 03/28/06 |                                |             |
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|                                                                                                                                                                                                                                                                                                                                                                                                     |           |          |      |                                        |          | DRAWING NUMBER:                | 0009-400    |
|                                                                                                                                                                                                                                                                                                                                                                                                     |           |          |      |                                        |          |                                | REVISION: C |
|                                                                                                                                                                                                                                                                                                                                                                                                     |           |          |      |                                        |          | SHEETS: 2 of 2                 |             |



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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