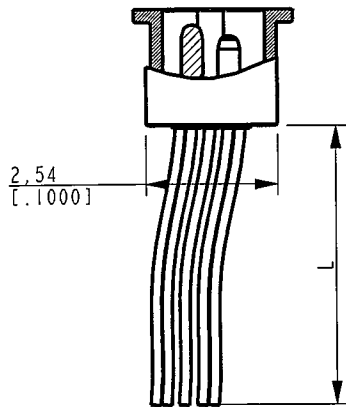
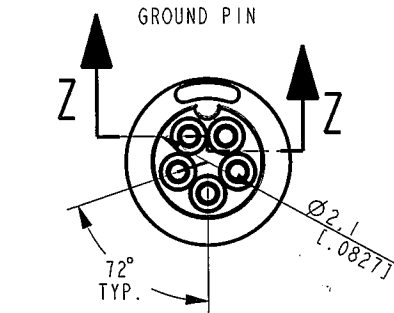


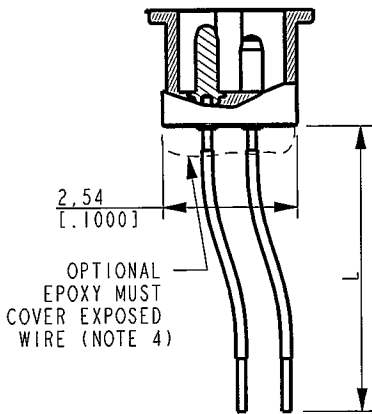
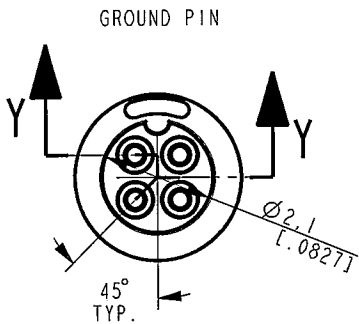
- NOTES:
1. ANY HOUSING MAY BE ASSEMBLED WITH RIGID PINS OR FLEXIBLE INSULATED OR UNINSULATED WIRES.
  2. SEE SHEET 2 FOR HOUSING OPTIONS.
  3. GROUND PIN IS 0.20mm LONGER THAN OTHER PINS.
  4. EPOXY IS OPTIONAL FOR ASSEMBLIES WITH FLEXIBLE WIRES.
  5. NO DAMAGE OR GOUGING ALLOWED ON PINS AFTER INSERTION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

5-PIN CONFIGURATION  
(SHOWN WITH FLEXIBLE UNINSULATED LEADS)



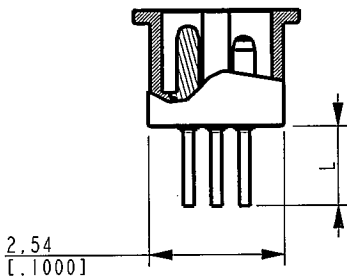
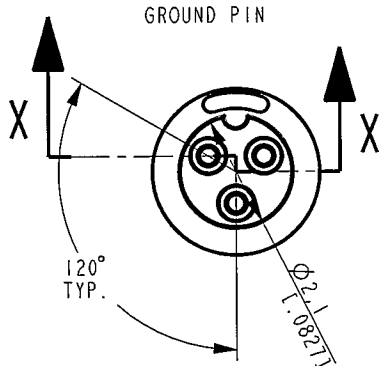
SECTION Z - Z

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. |

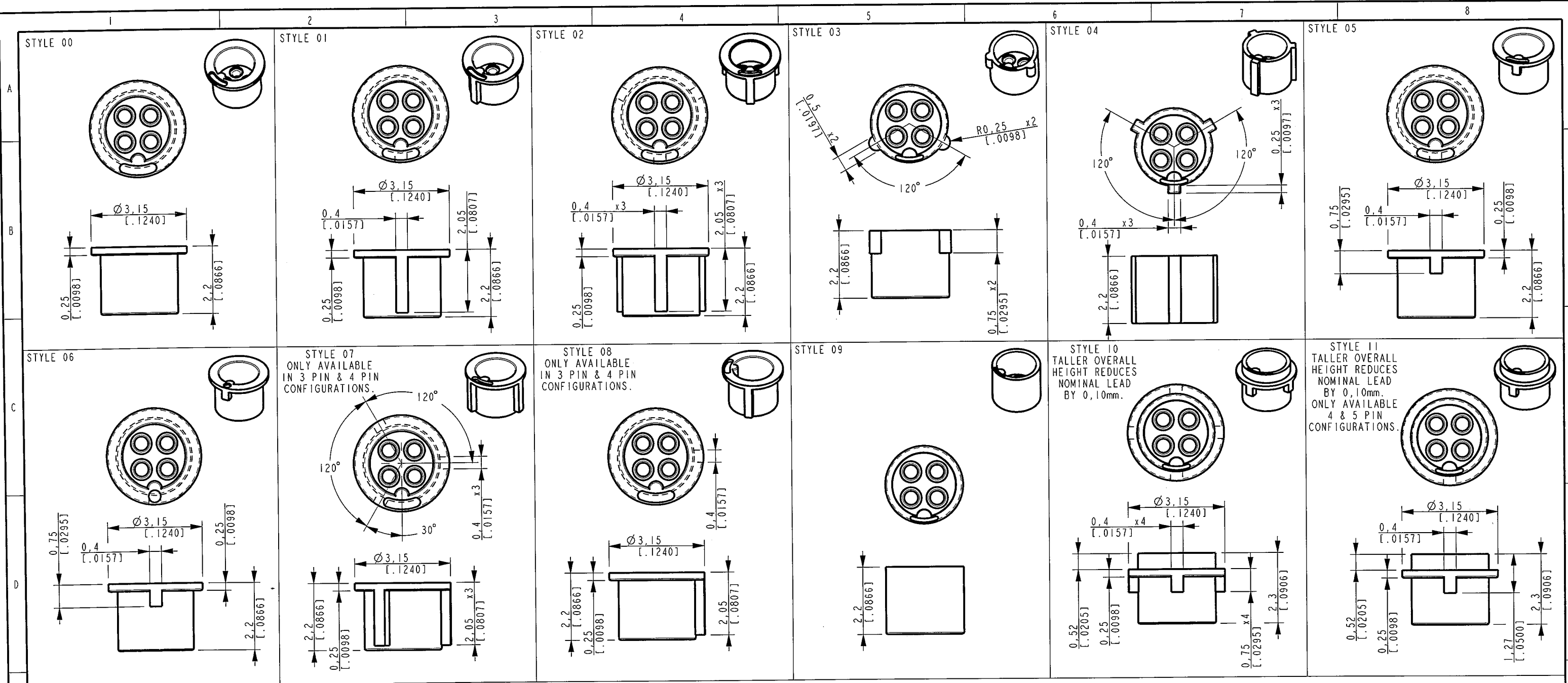
MATERIAL DATA

|     |                              |                                                |
|-----|------------------------------|------------------------------------------------|
| 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                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | REVISION: C                    |  |
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| deltek                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |                                |  |



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                 |             |