



# Customer drawing

| Nb OF CONTACTS | Dimension |       |       |       |       |
|----------------|-----------|-------|-------|-------|-------|
|                | A         | B     | C     | D     | E     |
| 9              | 30.84     | 24.99 | 16.92 | 11.09 | 19.28 |
| 15             | 39.24     | 33.32 | 24.70 | 19.39 | 27.51 |
| 25             | 53.04     | 47.04 | 38.96 | 33.24 | 41.30 |
| 37             | 69.32     | 63.50 | 55.42 | 49.86 | 57.71 |

| REVISONS |     |             |          |
|----------|-----|-------------|----------|
| SYM      | EDN | DESCRIPTION | DATE     |
| 1        |     |             | 06/10/09 |

## D-SUB TECHNICAL DATA

- SHELL : Steel 100u"min tin over 50u" min nickel
- BODY : Glass filled thermoplastic.
- CONTACTS : Brass
- Flame retardant to UL94 V-0 Color Black
- Gold flash over 50u" min nickel on mating area.
- 100u" min tin over 50u" min nickel on solder area
- SCREWLOCK :Steel,100u" min nickel plated.
- REAR NUT : Brass,100u" min nickel plated.
- ELECTRICAL: Voltage rating : 250 V Rms to 50 Hz
- Current rating : 3A
- Withstanding Voltage >1000 V Rms to 50 Hz for one minute
- Insulation resistance >5000 M Ohms
- Contact resistance 20 mOhms max.
- CLIMATIC : Temperature range -55 °C up to 125°C
- MARKING : Amphenol...(Series No.)
- Commercial reference
- Manufacturing date

### PRODUCT CODE

L 717 SD X H XX P VF

- L: RoHS Compliance
- 717: tinned shell + dimples for plug
- SD: standard density
- Shell Size: E,A,B,C
- VF=Front screwlock 4-40
- Contact type: P=pin
- Configuration: 09,15,25,37
- H=Rear insert #4-40

| UNLESS OTHERWISE SPECIFIED     |  | TOLERANCES |  | APPROVAL            |  | DATE           |  |
|--------------------------------|--|------------|--|---------------------|--|----------------|--|
| U.S.                           |  | METRIC     |  | DRAWN               |  | Checked and/or |  |
| .X                             |  | +/-        |  | 0.50                |  | 10/09          |  |
| .XX                            |  | +/-        |  | 0.30                |  | 10/09          |  |
| .XXX                           |  | +/-        |  | 0.20                |  | 10/09          |  |
| ANGLES                         |  | +/-        |  | 2°                  |  |                |  |
| FOR MATERIALS AND FINISHES     |  |            |  | DRAWING FILE :      |  |                |  |
| SEE DRAWING FOR SPECIFICATIONS |  |            |  | ANGLE OF PROJECTION |  |                |  |
| REMOVE SHARP EDGES             |  |            |  |                     |  |                |  |
| DIMENSIONS                     |  |            |  |                     |  |                |  |
| TOLERANCES                     |  | FINISHES   |  |                     |  |                |  |
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| DIMENSIONS                     |  |            |  |                     |  |                |  |
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| DIMENSIONS                     |  |            |  |                     |  |                |  |
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| DIMENSIONS                     |  |            |  |                     |  |                |  |
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| ANGLES                         |  | +/-        |  |                     |  |                |  |
| FOR MATERIALS AND FINISHES     |  |            |  |                     |  |                |  |
| SEE DRAWING FOR SPECIFICATIONS |  |            |  |                     |  |                |  |
| REMOVE SHARP EDGES             |  |            |  |                     |  |                |  |
| DIMENSIONS                     |  |            |  |                     |  |                |  |
| TOLERANCES                     |  | FINISHES   |  |                     |  |                |  |
| .X                             |  | +/-        |  |                     |  |                |  |
| .XX                            |  | +/-        |  |                     |  |                |  |
| .XXX                           |  | +/-        |  |                     |  |                |  |
| ANGLES                         |  | +/-        |  |                     |  |                |  |
| FOR MATERIALS AND FINISHES     |  |            |  |                     |  |                |  |
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| DIMENSIONS                     |  |            |  |                     |  |                |  |
| TOLERANCES                     |  | FINISHES   |  |                     |  |                |  |
| .X                             |  | +/-        |  |                     |  |                |  |
| .XX                            |  | +/-        |  |                     |  |                |  |
| .XXX                           |  | +/-        |  |                     |  |                |  |
| ANGLES                         |  | +/-        |  |                     |  |                |  |
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| REMOVE SHARP EDGES             |  |            |  |                     |  |                |  |
| DIMENSIONS                     |  |            |  |                     |  |                |  |
| TOLERANCES                     |  | FINISHES   |  |                     |  |                |  |
| .X                             |  | +/-        |  |                     |  |                |  |
| .XX                            |  | +/-        |  |                     |  |                |  |
| .XXX                           |  | +/-        |  |                     |  |                |  |
| ANGLES                         |  | +/-        |  |                     |  |                |  |
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| REMOVE SHARP EDGES             |  |            |  |                     |  |                |  |
| DIMENSIONS                     |  |            |  |                     |  |                |  |
| TOLERANCES                     |  | FINISHES   |  |                     |  |                |  |
| .X                             |  | +/-        |  |                     |  |                |  |
| .XX                            |  | +/-        |  |                     |  |                |  |
| .XXX                           |  | +/-        |  |                     |  |                |  |
| ANGLES                         |  | +/-        |  |                     |  |                |  |
| FOR MATERIALS AND FINISHES     |  |            |  |                     |  |                |  |
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| REMOVE SHARP EDGES             |  |            |  |                     |  |                |  |
| DIMENSIONS                     |  |            |  |                     |  |                |  |
| TOLERANCES                     |  | FINISHES   |  |                     |  |                |  |
| .X                             |  | +/-        |  |                     |  |                |  |
| .XX                            |  | +/-        |  |                     |  |                |  |
| .XXX                           |  | +/-        |  |                     |  |                |  |
| ANGLES                         |  | +/-        |  |                     |  |                |  |
| FOR MATERIALS AND FINISHES     |  |            |  |                     |  |                |  |
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| REMOVE SHARP EDGES             |  |            |  |                     |  |                |  |
| DIMENSIONS                     |  |            |  |                     |  |                |  |
| TOLERANCES                     |  | FINISHES   |  |                     |  |                |  |
| .X                             |  | +/-        |  |                     |  |                |  |
| .XX                            |  | +/-        |  |                     |  |                |  |
| .XXX                           |  | +/-        |  |                     |  |                |  |
| ANGLES                         |  | +/-        |  |                     |  |                |  |
| FOR MATERIALS AND FINISHES     |  |            |  |                     |  |                |  |
| SEE DRAWING FOR SPECIFICATIONS |  |            |  |                     |  |                |  |
| REMOVE SHARP EDGES             |  |            |  |                     |  |                |  |
| DIMENSIONS                     |  |            |  |                     |  |                |  |
| TOLERANCES                     |  | FINISHES   |  |                     |  |                |  |
| .X                             |  | +/-        |  |                     |  |                |  |
| .XX                            |  | +/-        |  |                     |  |                |  |
| .XXX                           |  | +/-        |  |                     |  |                |  |
| ANGLES                         |  | +/-        |  |                     |  |                |  |
| FOR MATERIALS AND FINISHES     |  |            |  |                     |  |                |  |
| SEE DRAWING FOR SPECIFICATIONS |  |            |  |                     |  |                |  |
| REMOVE SHARP EDGES             |  |            |  |                     |  |                |  |
| DIMENSIONS                     |  |            |  |                     |  |                |  |
| TOLERANCES                     |  | FINISHES   |  |                     |  |                |  |
| .X                             |  | +/-        |  |                     |  |                |  |
| .XX                            |  | +/-        |  |                     |  |                |  |
| .XXX                           |  | +/-        |  |                     |  |                |  |
| ANGLES                         |  | +/-        |  |                     |  |                |  |
| FOR MATERIALS AND FINISHES     |  |            |  |                     |  |                |  |
| SEE DRAWING FOR SPECIFICATIONS |  |            |  |                     |  |                |  |
| REMOVE SHARP EDGES             |  |            |  |                     |  |                |  |
| DIMENSIONS                     |  |            |  |                     |  |                |  |
| TOLERANCES                     |  | FINISHES   |  |                     |  |                |  |
| .X                             |  | +/-        |  |                     |  |                |  |
| .XX                            |  | +/-        |  |                     |  |                |  |
| .XXX                           |  | +/-        |  |                     |  |                |  |
| ANGLES                         |  | +/-        |  |                     |  |                |  |
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| REMOVE SHARP EDGES             |  |            |  |                     |  |                |  |
| DIMENSIONS                     |  |            |  |                     |  |                |  |
| TOLERANCES                     |  | FINISHES   |  |                     |  |                |  |
| .X                             |  | +/-        |  |                     |  |                |  |
| .XX                            |  | +/-        |  |                     |  |                |  |
| .XXX                           |  | +/-        |  |                     |  |                |  |
| ANGLES                         |  | +/-        |  |                     |  |                |  |
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