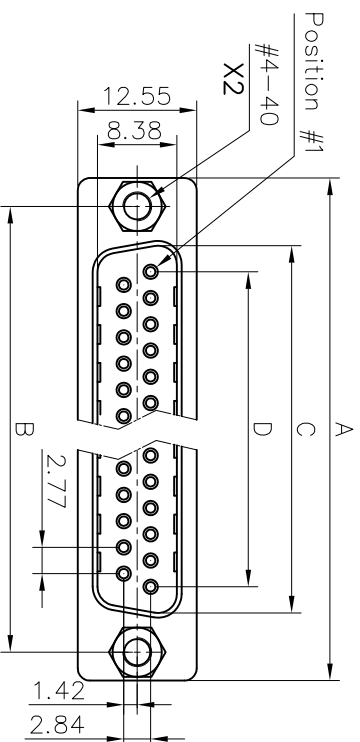


# Customer drawing

| 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 |

| REVISIONS |     |             |          |          |
|-----------|-----|-------------|----------|----------|
| SYM       | ECN | DESCRIPTION | DATE     | APPROVED |
| 1         |     |             | 06/10/09 |          |

## D-SUB TECHNICAL DATA

SHELL : Steel 100u" min tin over 50u" min nickel  
BODY : Glass filled thermoplastic.  
Flame retardant to UL94 V-0 Color Black  
CONTACTS : Brass  
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.  
Temperature range -55 °C up to 125°C  
CLIMATIC : Amphenol-...(Series No.)  
MARKING : Commercial reference  
Manufacturing date

**PRODUCT CODE**

L 717 SD XH XX P VF

L: RoHS Compliance

VF=Front screwlock 4-40

717: tinned shell +  
dimples for plug

|                        |  |
|------------------------|--|
| Contact type:<br>P=pin |  |
|------------------------|--|

SD: standard density

Configuration: 09,15,25,37

Shell Size: E,A,B,C

H=Rear insert #4-40

|                                                                                                                                       |        |                                                    |          |
|---------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------|----------|
| UNLESS OTHERWISE SPECIFIED                                                                                                            |        | APPROVAL                                           | DATE     |
| TOLERANCES                                                                                                                            |        | DRAWN                                              | 06/20/09 |
| U.S.                                                                                                                                  |        | CHECKED                                            | 06/20/09 |
| METRIC                                                                                                                                |        | 1/E. using                                         | 06/20/09 |
| $\frac{1}{2}$ $\pm$ / $\frac{1}{2}$<br>$\frac{1}{16}$ $\pm$ / $\frac{1}{16}$<br>FRACTIONS $\pm$ / $\pm$<br>ANGLES $\pm$ / $\pm$<br>2° |        |                                                    |          |
| FOR MATERIALS AND FINISHES                                                                                                            |        |                                                    |          |
| SEE NOTES                                                                                                                             |        |                                                    |          |
| REMOVE SHARP EDGES                                                                                                                    |        |                                                    |          |
| DIMENSIONS                                                                                                                            |        | ANGLE OF PROJECTION                                |          |
| 0-8                                                                                                                                   | INCHES |                                                    |          |
| 0-8                                                                                                                                   | MIL    |                                                    |          |
| TITLE                                                                                                                                 |        | Stamped and Formed contacts, SD series<br>Amphenol |          |
| SIZE                                                                                                                                  |        | DRAWING NO.                                        |          |
| A4                                                                                                                                    |        | C L77SDXHXXP                                       |          |
| SCALE                                                                                                                                 |        | SHEET 1 OF 1                                       |          |