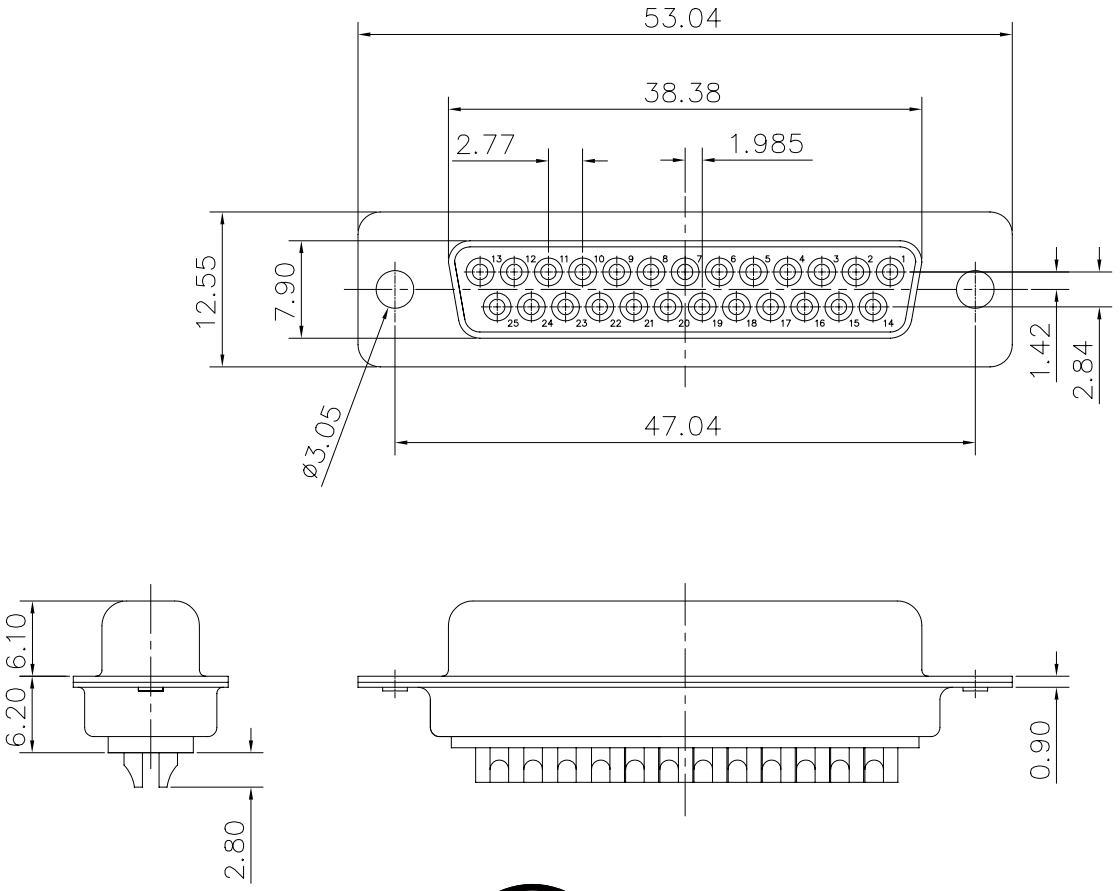
This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior concent, & that no right is granted to disclose or to use any information in this document.

| REVISIONS | | | | |
|---|---|---|---|---|
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
| A | | | 15/01/07 | |




## D-SUB TECHNICAL DATA

SHELL : Steel, 100u" min. sn over 50u" min. nickel.

BODY : Glass filled thermoplastic.
Flame retardant to UL94 V-0 Color Black

CONTACTS : phosphor bronze
gold flash over 1.25um(50u") min nickel on mating area.
2.5um(100u") min sn over 1.25um(50u") min nickel on solder area

ELECTRICAL : Voltage rating : 250 V RMS at 50 Hz
Current rating : 3A
Withstanding Voltage >1000 V Rms to 60 Hz for one minute
Insulation resistance >5000 M Ohms
Contact resistance 20 mOhms max.

CLIMATIC : Temperature range -55 °C up to 125°C

MACHANICAL : Insertion force per contact 3.41N Max..
Extraction force per contact 0.21N Min..

MARKING : Amphenol-...(Series No.)
Commercial reference
Manufacturing date
tampography marking

## PRODUCT CODE

**L 77SD B 25 S**

- L: RoHS Compliance
- 77SD: tinned shell for receptable
- Shell Size : B
- Configuration: 25
- Contact type: S:Female P: Male

| UNLESS OTHERWISE SPECIFIED TOLERANCES | U.S. | METRIC |
|---|---|---|
| .X +/- | | 0.50 |
| .XX +/- | | 0.30 |
| .XXX +/- | | 0.20 |
| FRACTIONS +/- | | |
| ANGLES +/- | | 2° |

FOR MATERIALS AND FINISHES SEE NOTES
REMOVE SHARP EDGES
DIMENSIONS
U.S. / INCHES
METRIC / MM

| APPROVAL | DATE |
|---|---|
| DRAWN Helen.jiang | 07/03/07 |
| CHECKED lik.wang | 07/03/07 |
| CHECKED | |
| DRAWING FILE : | |

ANGLE OF PROJECTION

Amphenol

TITLE: Stamped and Formed connector, SD series

| SIZE | DRAWING NO. | REV. |
|---|---|---|
| A4 | C L77SDB25S | A |

SCALE NONE SHEET 1 OF 1

sales@prom-elec.com / ООО ПРОМЭЛЕКТРОНИКА