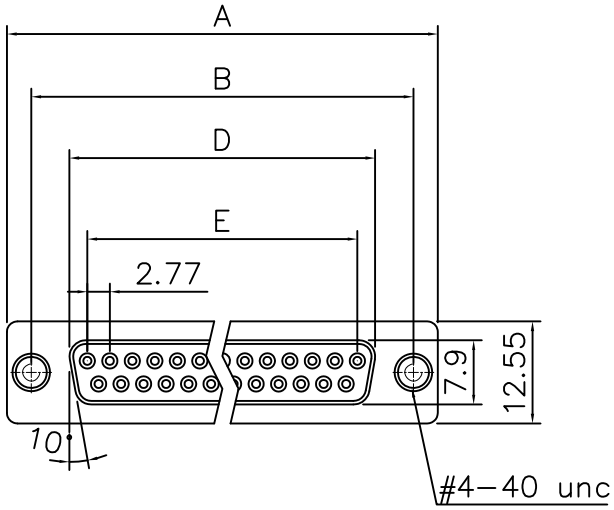
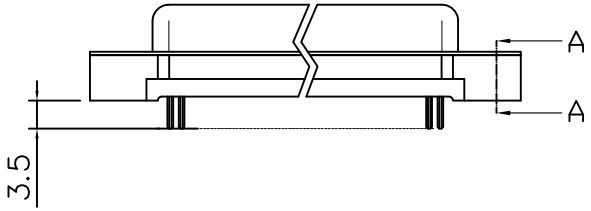
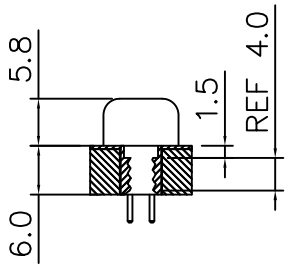
This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose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

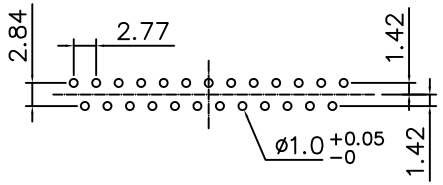
Customer Drawing







SECTION A-A



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05mm

Dimensions

Positions	A	B	D	E
9	30.81	24.99	16.33	11.08
15	39.20	33.30	24.70	19.39
25	53.05	47.04	38.40	33.24
37	69.40	63.50	54.80	49.86

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	08/29/11	IP
2	HK--	Update the Drawing	03/06/14	IP
3	HK--	Add Dimension Ref 4.0mm	12/10/15	IP

D-SUB TECHNICAL DATA

SHELL :	Steel, 100u" Tin over 50u" min nickel over 50u" min Copper
BODY :	PBT, UL 94V-0 ,Black
CONTACTS :	Copper alloy Gold flash over 50u'' nickel on mating area 100u'' tin over 50u'' nickel on solder area
REAR NUT:	Brass, 80u" min Nickel Plated.
ELECTRICAL:	Voltage Rating 250 V RMS 60Hz Current Rating 3 AMP Withstanding Voltage >1000 V RMS 60Hz for 1 minute Insulation Resistance >1000 M Ohms Contact Resistance 20 mOhms max.
MARKING:	Amphenol-...(Series No.) Commercial Reference Manufacturing Date

PRODUCT CODE

L 77 TS X H XX S OL2

- L: RoHS Compliant
- 77: tinned shell for receptable
- Shell Size: E, A, B, C
- Mounting options: H: 4-40
- Termination: OL2: L=6.02mm
- Contact type: S = socket
- Configuration: 09, 15, 25, 37

UNLESS OTHERWISE SPECIFIED TOLERANCES	U.S.	METRIC
X +/-		0.38
.X +/-		0.25
.XX +/-		0.13
FRACTIONS +/-		
ANGLES +/-		5°

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

APPROVAL		DATE
DRAWN	Felix.Liu	12/10/15
CHECKED	Tony.Tang	12/10/15
CHECKED		

DRAWING FILE :

ANGLE OF PROJECTION

Amphenol

TITLE: D-SUB connector, TS Series

SIZE	DRAWING NO.	REV.
A4	L77TSXHXXSOL2	3

SCALE NONE SHEET 1 OF 1

Downloaded from Arrow.com.