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# Customer drawing

Nb of contacts	Dimensions				
	A	B	C	D	pitch
9	30.70	16.40	25.00	19.40	2.74
15	39.00	24.80	33.30	27.70	2.74
25	52.90	38.50	47.00	41.40	2.77
37	69.20	54.90	63.50	57.90	2.77

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1			04/14/08	

### D-SUB TECHNICAL DATA

SHELL : Steel 2.5um(100u") min tin over 1.25um(50u") min nickel  
 BODY : Glass filled thermoplastic.  
 Flame retardant to UL94 V-0 Color Black

CONTACTS : Brass  
 0.4um(15u") min gold over 1.25um(50u") min nickel

SCREWLOCK : Copper alloy (no plating)

ELECTRICAL : Voltage rating : 300 V RMS at 50 Hz  
 Current rating 7.5A.  
 Insulation resistance >5000 M Ohms  
 Contact resistance 20 mOhms max.

CLIMATIC : Temperature range -55 °C up to 85°C, peak at 125°C  
 Damp heat 21 days(40 °C-95% HR)

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

### PRODUCT CODE

## L 77D XXX S ST X

L: RoHS Compliance

77D: Female connector

Size and number of contacts:  
E09,A15,B25,C37

Contact type:  
S: Female

Hood option:  
1=DPPK  
2=DSSK  
3=DTZK  
4=DVZK

Contact termination:  
ST=Screw termination

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.	METRIC	DRAWN	DATE
.X +/-	0.50	Christina.cui	04/14/08
.XX +/-	0.30	CHECKED	Lik.wang
.XXX +/-	0.20	CHECKED	04/14/08
FRACTIONS +/-			
ANGLES +/-	2'		
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
METRIC	MM		

Amphenol®

TITLE  
machined contacts, D-ST series

SIZE	DRAWING NO.	REV.
A4	C L77DXXXSSTX	A
SCALE	NONE	SHEET 1 OF 2

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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1			04/14/08	

### Plastic hoods



DPPK Straight cable entry



DSSK Angled cable entry

Kit connector+hood option:  
(See following description)

X X ST X X

- 1 = DPPK
- 2 = DSSK
- 3 = DTZK
- 4 = DVZK

### Metallic hoods



DTZK Straight cable entry



DVZK Angled cable entry

UNLESS OTHERWISE SPECIFIED		APPROVAL	DATE	Amphenol®	
TOLERANCES		DRAWN	Christina.cui		04/14/08
	U.S.	METRIC	CHECKED	Lik.wang	04/14/08
.X	+/-	0.50			
.XX	+/-	0.30			
.XXX	+/-	0.20			
FRACTIONS	+/-				
ANGLES	+/-	2°			
FOR MATERIALS AND FINISHES		DRAWING FILE :			
SEE NOTES		ANGLE OF PROJECTION			
REMOVE SHARP EDGES					
DIMENSIONS		SIZE			
U.S. INCHES		A4		DRAWING NO.	
METRIC MM		C L77DXXXSSTX		REV.	
		SCALE NONE		1	
		SHEET 2 OF 2			