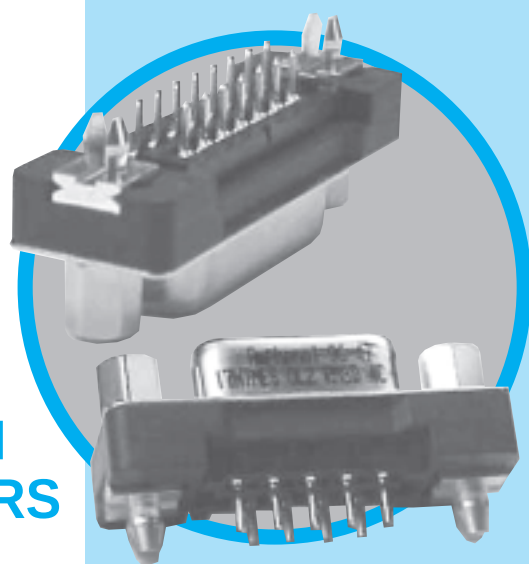


TS

D-Sub connectors - Stamped and Formed Contacts

STRAIGHT PCB TERMINATION ONE METAL SHELL CONNECTORS



CHARACTERISTICS

Specifications

- Connectors according to MIL C24308

Materials and Platings	
Shells	Steel, tin over nickel plating
Insulator	Glass-filled thermoplastic, UL 94V-0
Contacts	Copper alloy, with selective gold plating
Boardlock	Brass with nickel plating
Screwlock	Brass with nickel plating

Electrical Data	
Current rating	5A
Voltage rating	600V AC/rms 50Hz
Withstanding voltage	1000V AC/rms 50Hz for one minute
Insulation resistance	5000MΩ
Contact resistance	10mΩ max

Climatic Data	
Operating temperature	-55°C to +125°C

Mechanical Data		
Mating and unmating force		
Unit: kg (lb)		
No. of Cts	Mate (max)	Unmate (min)
9	3.05 (6.74)	0.36 (0.79)
15	5.09 (11.24)	0.46 (1.01)
25	8.44 (18.66)	0.81 (1.8)
37	12.51 (27.65)	1.1 (2.47)
Standard plating thicknesses		
- gold flash 0.4µm (15µ") gold 0.76 µm (30µ") gold		

DESCRIPTION

The one shell D-sub Amphenol series features, stamped and formed contacts.

This series gives you Amphenol's high standards of quality and reliability to meet all of your commercial requirements

**Economical
straight PCB,
one shell
connectors**

APPLICATIONS

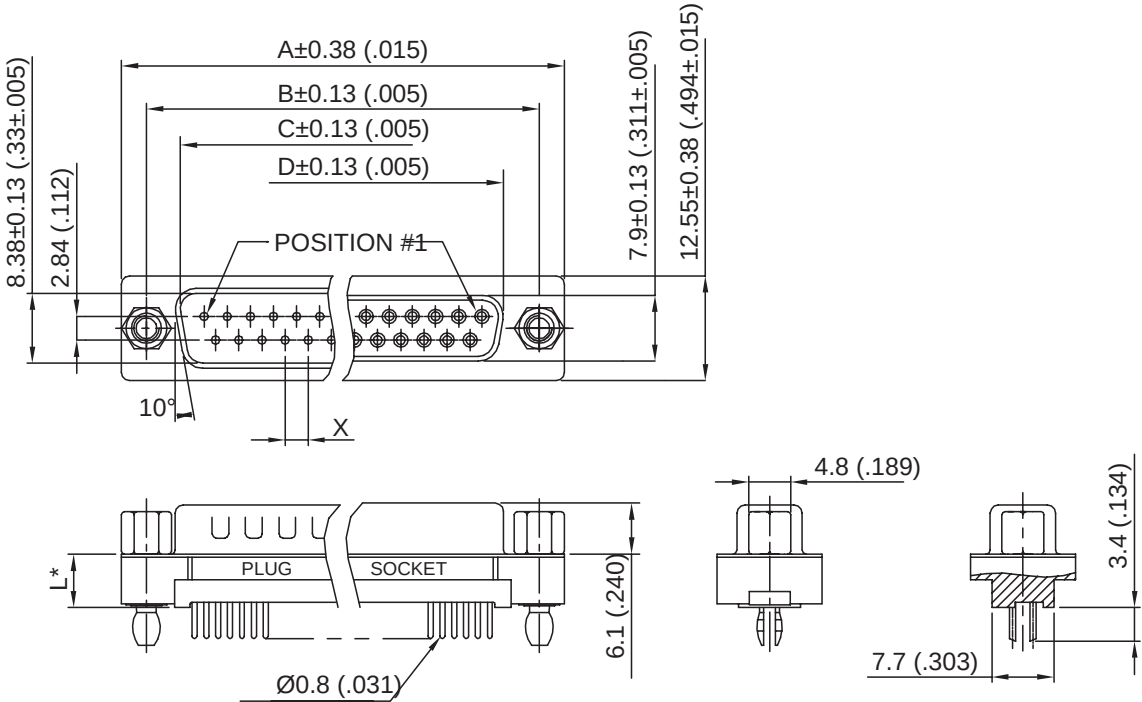
- Industrial
- Telecom
- Any industry standard I / O connections



Amphenol

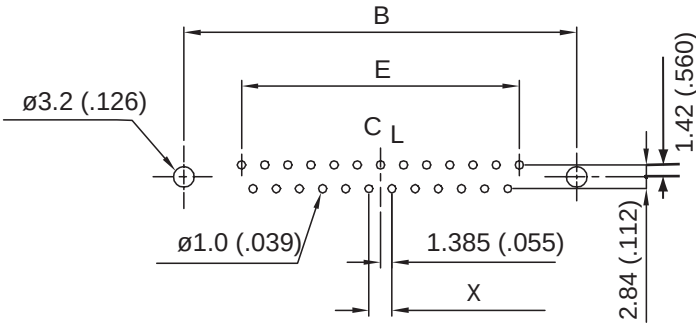
TS / E10

Shell Size Dimensions



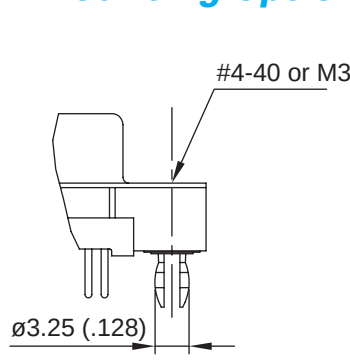
*see chart "how to order"

RECOMMENDED P.C.B. LAYOUT

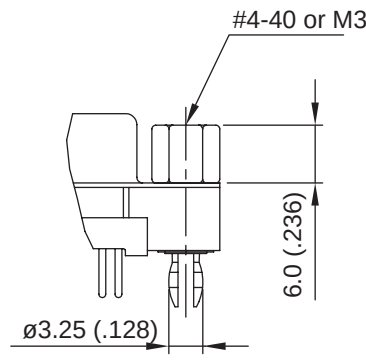


Nb OF CONTACTS	DIMENSIONS mm (inch)					
	A	B	C	D	E	X
9	30.84 (1.21)	24.99 (.984)	16.92 (.666)	16.26 (.640)	11.08 (.436)	2.74
15	39.24 (1.54)	33.32 (1.31)	25.25 (.994)	24.56 (.967)	19.39 (.763)	2.74
25	53.04 (2.09)	47.04 (1.85)	38.96 (1.53)	38.30 (1.51)	33.24 (1.31)	2.77
37	69.34 (2.73)	63.50 (2.50)	55.42 (2.18)	54.76 (2.16)	49.86 (1.96)	2.77

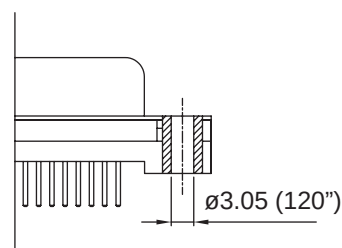
Panel mounting option



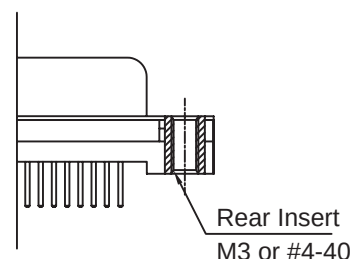
Boardlock with Threaded Insert
RM5



Boardlock with Front Screwlock
RM8



Clear Hole
Blank



Rear Insert Threaded
H or G

How to order

RoHS Compliant

gold flash

77: tinned shell for receptable
717: tinned shell + dimples for plug

0.4µm (15µ")

177: tinned shell for receptable
777: tinned shell + dimples for plug

shell size

E, A, B, C

mounting options

Blank = Clear Hole
G = M3
H = 4-40
H,G must also be used to specify the threading of RM5 or RM8 grounding tabs

configuration

09, 15, 25, 37

L

...

TS

...

...

...

...

...

...

C309

plating option valid only for 0.76µm (30µ")

part numbers to be written as follow:
77.....C309
or
717.....C309

board mounting options

Blank = Clear Hole
RM5 = boardlock
RM8 = boardlock +front screwlock

termination

OL2 : L = 6.02mm (.237")
OL2C : L = 11.48mm (.452")

contact type

P = pin
S = socket

Example:

L77 TS E H 09 S OL2 RM5
L717 TS E H 09 P OL2 RM8 C309

[Redacted]

Tel:+86(0)755 2717 7945
Info-dsub@amphenol.com.cn
<http://www.dsubconnector.com>

E10/E