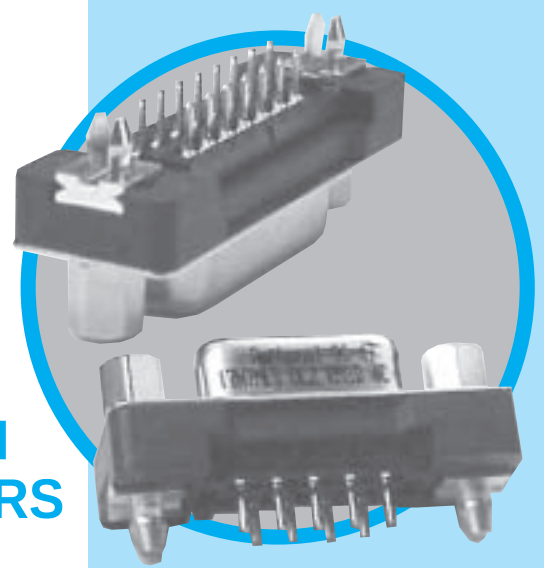


TS

D-Sub connectors - Stamped and Formed Contacts

STRAIGHT PCB TERMINATION ONE METAL SHELL CONNECTORS



Specifications

- Connectors according to MIL C24308
- UL File: E149426

Materials and Platings

Shells	Steel, tin over nickel plating
Insulator	Glass-filled thermoplastic, UL 94V-0
Contacts	Brass, 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
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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

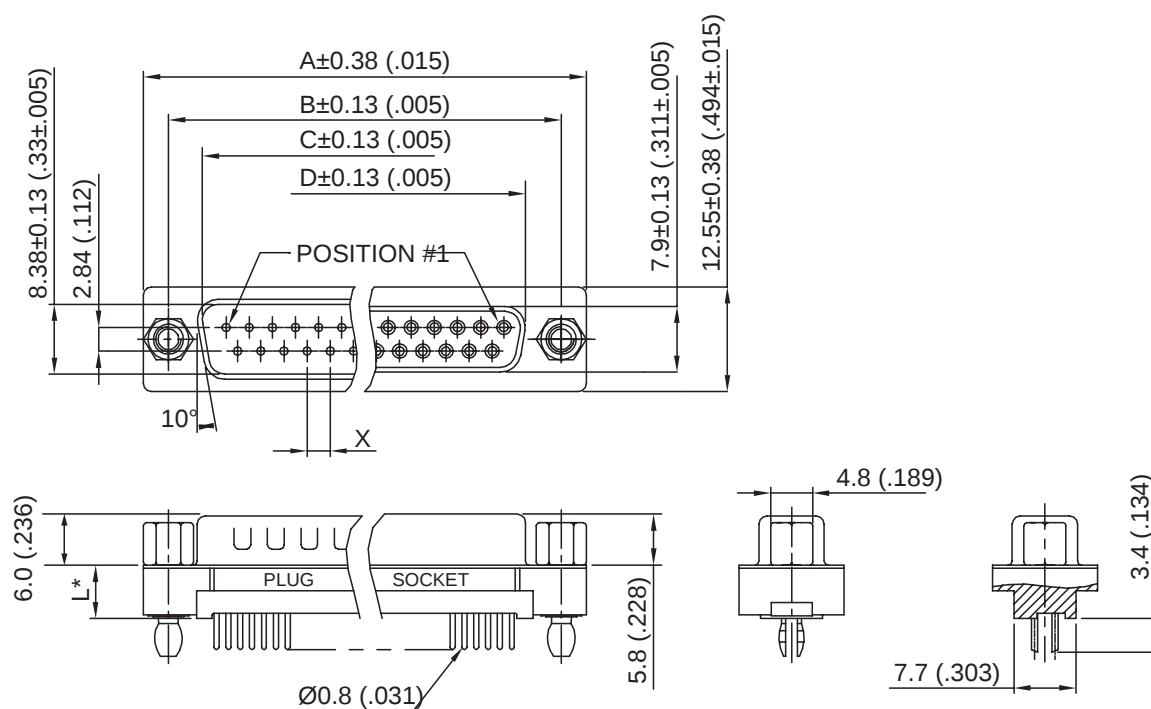


Amphenol

TS / E10

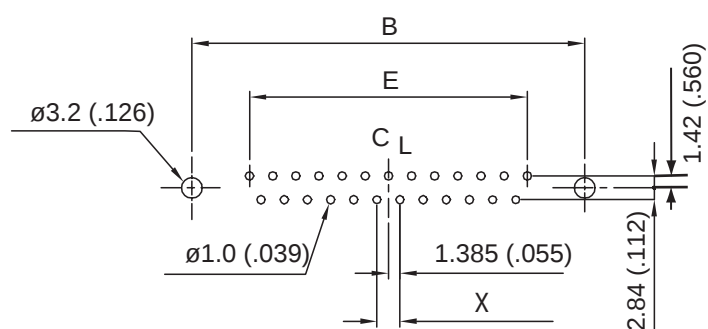
CHARACTERISTICS

Shell Size Dimensions



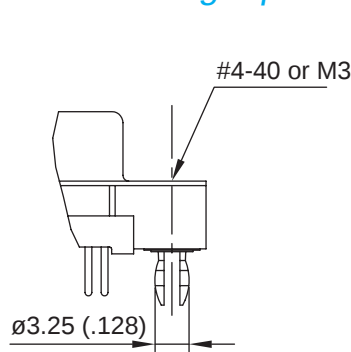
*see chart "how to order"

RECOMMENDED P.C.B. LAYOUT

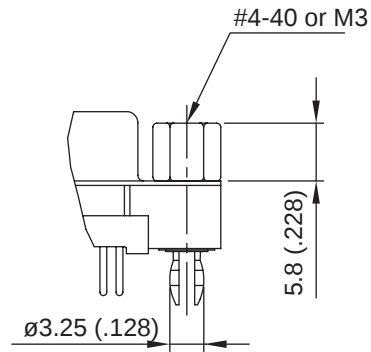


Nb OF CONTACTS	DIMENSIONS mm (inch)					
	A	B	C	D	E	X
9	30.84 (1.21)	24.99 (.984)	16.92 (.666)	16.26 (.640)	11.08 (.436)	2.77
15	39.24 (1.54)	33.32 (1.31)	25.25 (.994)	24.56 (.967)	19.39 (.763)	2.77
25	53.04 (2.09)	47.04 (1.85)	38.96 (1.53)	38.30 (1.51)	33.24 (1.31)	2.77
37	69.34 (2.73)	63.50 (2.50)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

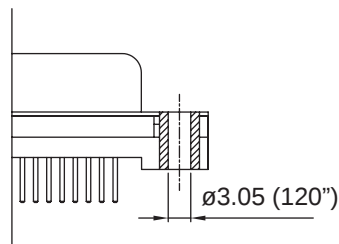
Panel mounting option



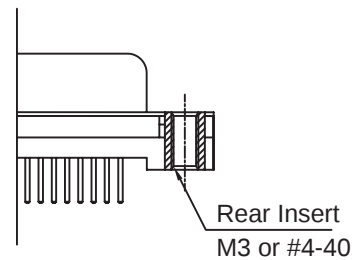
Boardlock with Threaded Insert
RM5



Boardlock with Front Screwlock
RM8



Clear Hole
Blank



Rear Insert Threaded
H or G

How to order

L		...		TS		...		...		...		...		...		C309	
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																	
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

For special request, please consult factory

Memo

Do not hesitate to contact us for further information

Amphenol

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