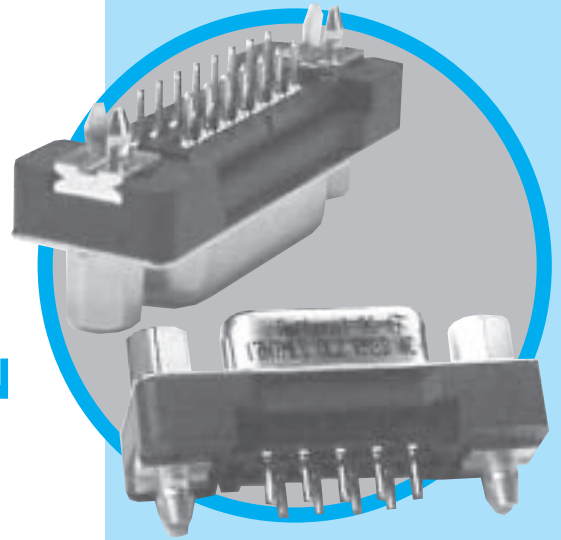


# HTN

D-Sub connectors - Stamped and Formed Contacts

## STRAIGHT PCB TERMINATION HIGH TEMPERATURE CONNECTORS



### Specifications

- Connectors according to MIL C24308
- UL File: E149426

Materials and Platings	
Shell	Steel, tin over nickel plating
Insulator	Glass-filled PA9T thermoplastic, UL 94V-0
Contacts	Brass, selective gold plating
Boardlock	Brass, tin over nickel plating
Screwlock	Brass, tin over 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 +150°C, resist to short term soldering at 260°C for 20sec.

Mechanical Data		
<b>Mating and unmating force</b>		
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)
<b>Standard plating thicknesses</b>		
• Gold flash		
• 0.4 μm (15μ") Gold		
• 0.76 μm (30μ") Gold		

DESCRIPTION

The Amphenol HTN series allows the use of through hole connectors with reflow soldering process. This series gives you Amphenol's high standards of quality and reliability, to meet all of your commercial requirements.

*Economical  
straight PCB,  
high temperature  
connectors*

APPLICATIONS

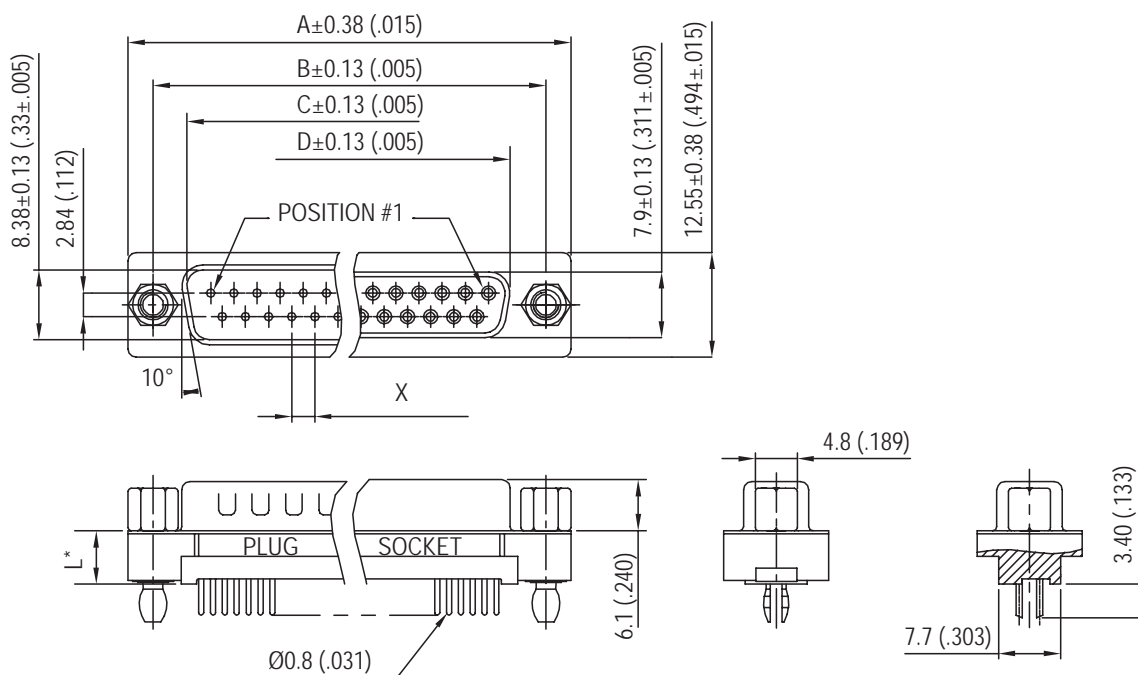
- Industrial
- Telecom
- Any industry standard I / O connections



**Amphenol**

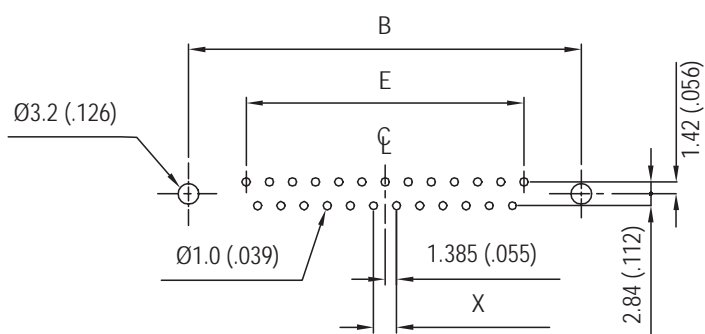
HTN / E15

## 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)	38.38 (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

# Amphenol



**L 17HT N**    ...    ...    ...    ...    ...    ...    ...

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

Example: L17HT N B H P OL2 RM5 4 C

## HOW TO ORDER

**HT / E15**

[illegible][illegible]

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