

# HT

D-Sub connectors - Stamped and Formed Contacts

## RIGHT ANGLE HIGH TEMPERATURE AND HIGH DENSITY CONNECTORS

### CHARACTERISTICS

#### Specifications

- Connectors according to MIL C24308

Materials and Platings	
Shell	Steel, tin over nickel plating
Insulator	Glass filled thermoplastic, UL 94V-0
Contacts	Copper alloy, selective gold plating
Rear insert	Brass with nickel plating
Screwlock	Brass with nickel plating
Grounding clip	Copper alloy with tin plating

Electrical Data	
Current rating	3A
Voltage rating	300V 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 (30s) at 260°C

Mechanical Data		
<b>Mating and unmating force</b> Unit: kg ( lb)		
No. of Cts	Mate (max)	Unmate (min)
15	3.81 (8.42)	0.52 (1.14)
26	5.95 (13.16)	1.05 (2.32)
44	9.26 (20.46)	1.37 (3.02)
62	13.48 (29.78)	1.76 (3.88)
<b>Standard plating thicknesses</b>		
<ul style="list-style-type: none"> <li>• gold flash</li> <li>• 0.4 µm (15µ") gold</li> <li>• 0.76 µm (30µ") gold</li> </ul>		



### DESCRIPTION

The Amphenol "HT" series allows the customers to use through hole connectors with reflow soldering process.

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

### APPLICATIONS

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

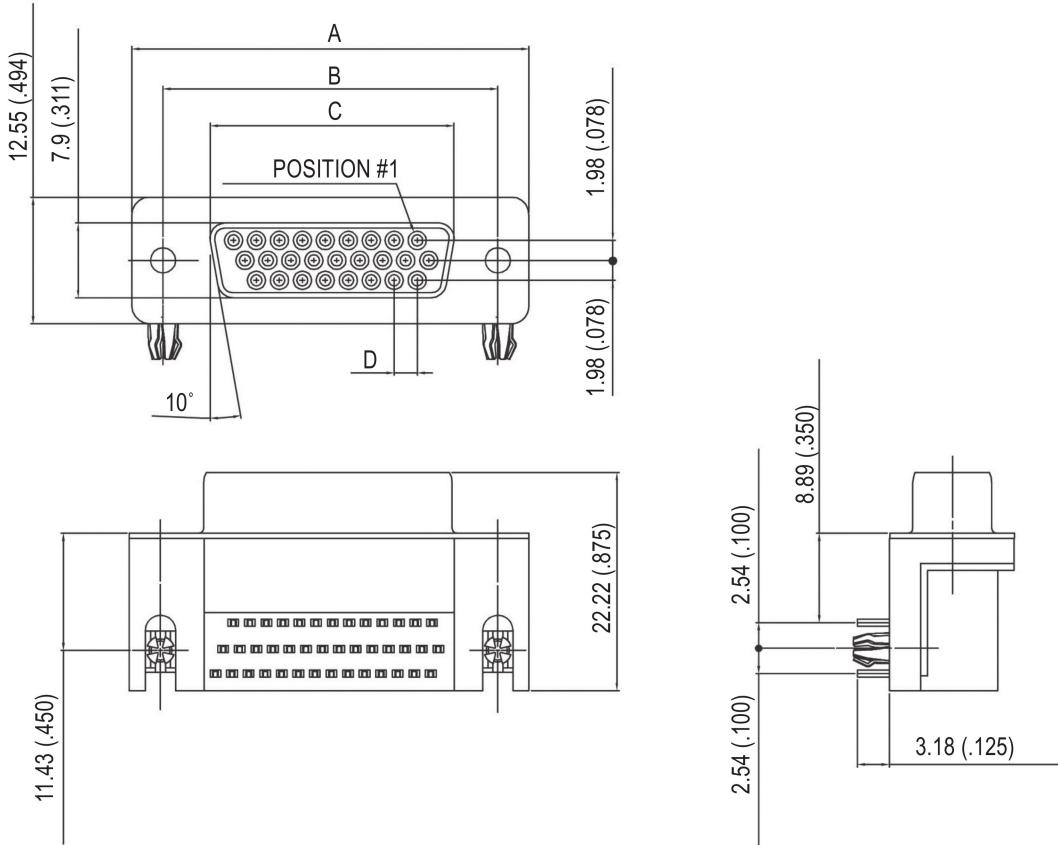
*Economical  
right angle PCB,  
high temperature  
connectors*



Amphenol

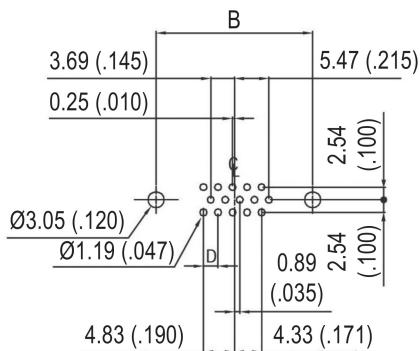
HT / E14

## OVERALL DIMENSIONS

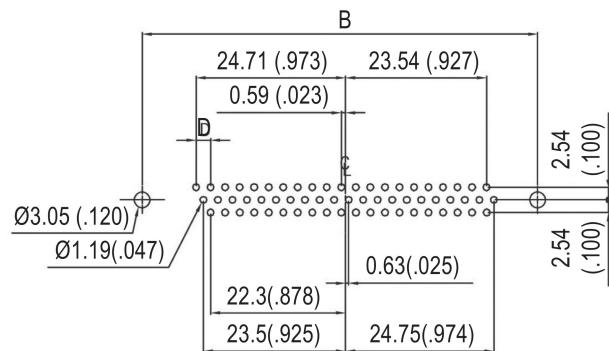
**Shell size dimensions**

Nb OF CONTACTS	Dimensions mm (inch)			
	A	B	C	D
15	30.84 (1.214)	24.99 (.984)	16.26 (.640)	2.29 (.090)
26	39.24 (1.545)	33.32 (1.312)	24.56 (.967)	2.29 (.090)
44	53.04 (2.088)	47.04 (1.852)	38.30 (1.508)	2.29 (.090)
62	69.34 (2.730)	63.50 (2.500)	54.76 (2.156)	2.41 (.095)

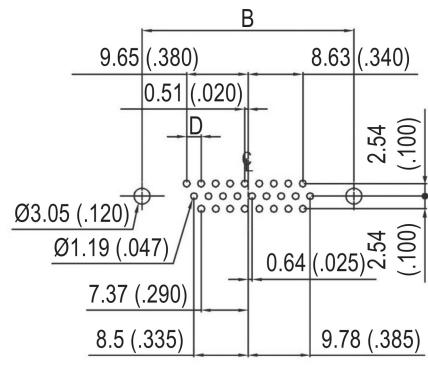
## P.C.B. Layout



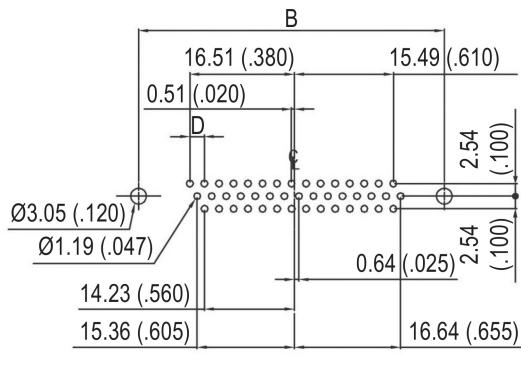
15 PIN



62 PIN

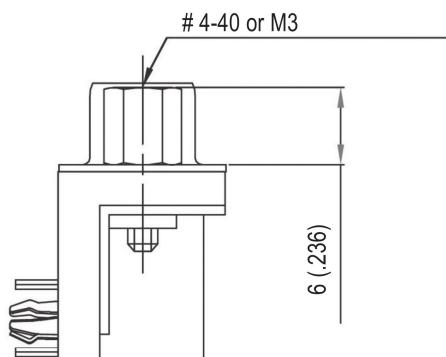
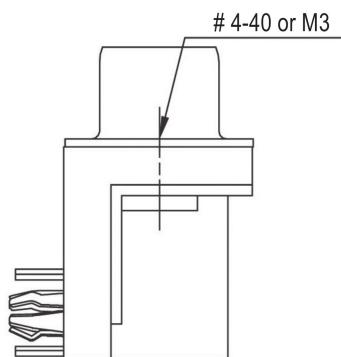


26 PIN

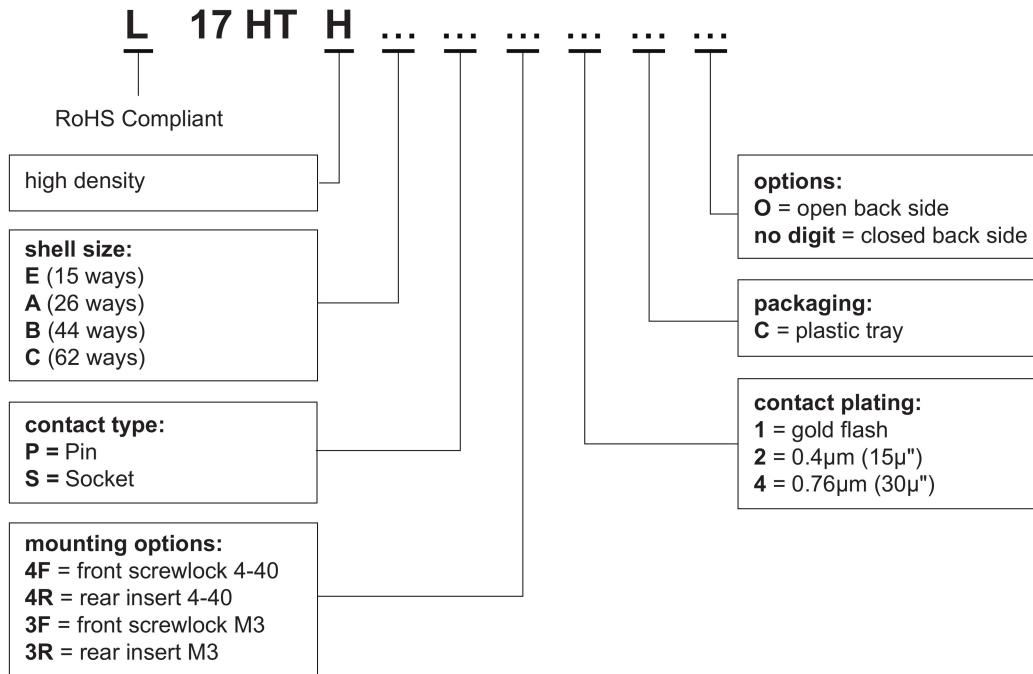


44 PIN

## Panel mounting option


**Front female screwlock  
4F/3F**

**Threaded rear insert  
4F/3F**

## How to order



**For special request, please consult factory**

**Do not hesitate to contact us for further information**

# Amphenol

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