D-Sub connectors - Stamped and Formed Contacts

STRAIGHT PCB TERMINATION **HIGH TEMPERATURE CONNECTORS**

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.

Specifications

Connectors according to MIL C24308

5 • **UL File**: E149426

CHARACTERA

	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	5000ΜΩ
Contact resistance	10mΩ max
Oomaot roolotanoo	1011122 11107

	Climatic Data
Operating temperature	-55°C to +150°C, resist to short term soldering at 260°C for 20sec.

Operating temperature	-55°C to +150°C, resist to short term soldering at 260°C for 20sec.

Maakaniaal	Data
Mechanical	Data

Unit: kg (lb)

Mating and unmating force

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 • 0.4 µm (15µ") Gold • 0.76 μm (30μ") Gold Economical straight PCB, high temperature connectors

Industrial

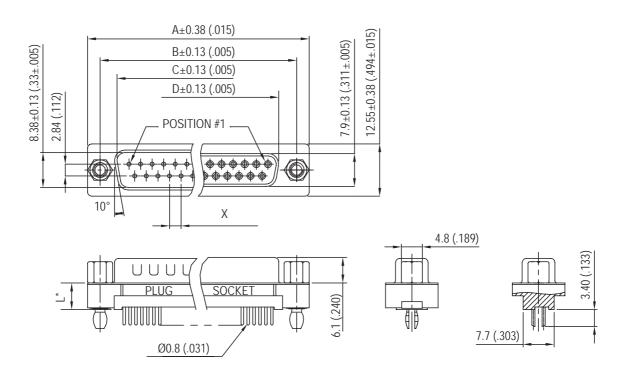
Telecom

· Any industry standard I / O connections



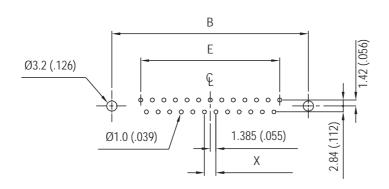


Shell size dimensions



*see chart "how to order"

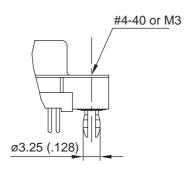
Recommended P.C.B.Layout



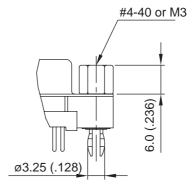
Nb OF	DIMENSIONS mm (inch)					
CONTACTS	Α	В	C	D	E	Х
9	30.84 (1.21)	24.99 (.984)	16.92 (.666)	16.26 (.640)	11.08 (.436)	2.74
15	39.24 (1.54)	33.32 (1.31)	25.25 (.994)	24.56 (.967)	19.39 (.763)	2.74
25	53.04 (2.09)	47.04 (1.85)	38.96 (1.53)	38.38 (1.51)	33.24 (1.31)	2.77
37	69.34 (2.73)	63.50 (2.50)	55.42 (2.18)	54.76 (2.16)	49.86 (1.96)	2.77

Amphenol

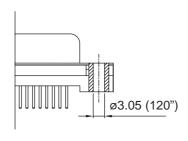
Panel mounting option



Boardlock with Threaded Insert RM5

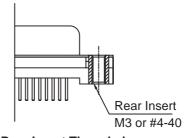


Boardlock with Front Screwlock RM8



Clear Hole

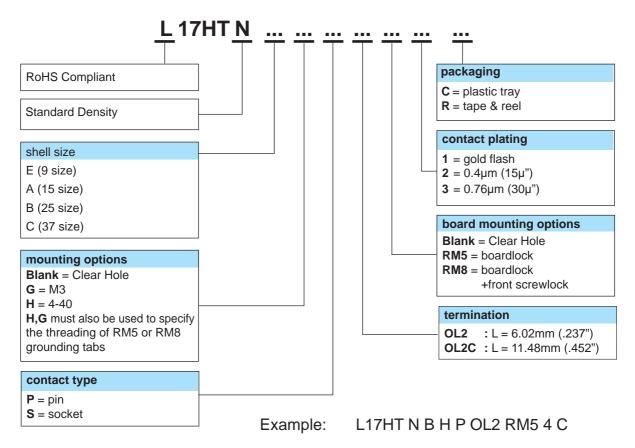




Rear Insert Threaded

H or G

How to order



Memo		

Do not hesitate to contact us for further information

Amphenol

Amphenol IT & Communication Products

Block A3/A4, The 4th Industrial District of Industrial Headquarters, Dong Keng Road Gong Ming Town, Shen Zhen China Fax:+86(0)755 2754 9955

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

The information given in this document are as a guideline only. We reserve the right to modify our products in any way we deem necessary. Any duplication is prohibited, unless approved in writing.