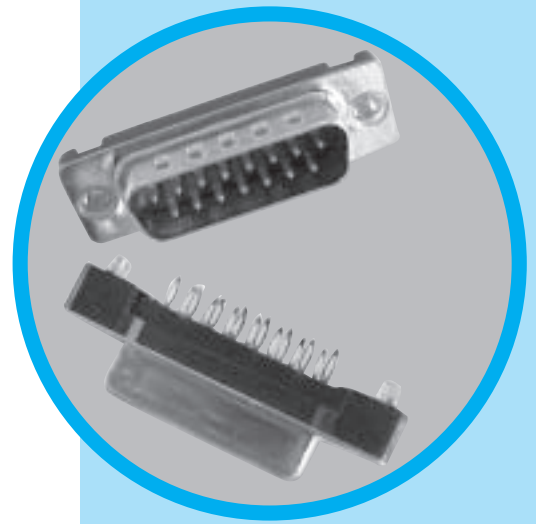


TF

D-Sub connectors - Stamped and Formed Contacts

PRESS FIT STRAIGHT PCB TERMINATION



CHARACTERISTICS

Materials and Platings	
Shells	Steel, tin plated
Insulator	Glass-filled thermoplastic, UL 94V-0
Pin contact	Brass, selected gold in mating area; 2.54µm (100µ") min. tin on termination area over 1.27µm (50µ") min. nickel
Socket contact	Phosphor bronze, selected gold in mating area; 2.54µm (100µ") min. tin on termination area over; 1.27µm(50µ") min. nickel
Rear insert	Brass, 2.54µm (100µ") min. nickel plated
Boardlock	Brass, 2.54µm (100µ") min. nickel plated
Screwlock	Brass, 2.54µm (100µ") min. nickel plated

Electrical Data	
Current rating	3A
Voltage rating	300V AC
Withstanding voltage	1000V AC/rms 60Hz for one minute
Insulation resistance	1000MΩ
Contact resistance	25mΩ max

Climatic Data	
Operating temperature	-55°C to +125°C
Salt spray	24 hours

Mechanical Data	
Single contact insertion force	≤ 3.60 N
Single contact withdrawal force	≥ 0.2 N
Single contact insertion on board	≤ 100 N
Single contact withdrawal from board	≥ 20 N
Standard plating thickness	Gold flash 0.4µm (15µ") gold 0.76µm (30µ") gold

	Terminal Specification	Boardlock Specification
Finished Hole Cu Sn	1 (+0.09 -0.06) > 25 µm < 15 µm	3.1 +/- 0.05 mm Min 25 µm 5-15 µm

DESCRIPTION

The Amphenol "TF" series features eye of needle formed contacts, and insulator with closed entry contacts cavities.

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

*Solderless
straight PCB
mount
connectors*

APPLICATIONS

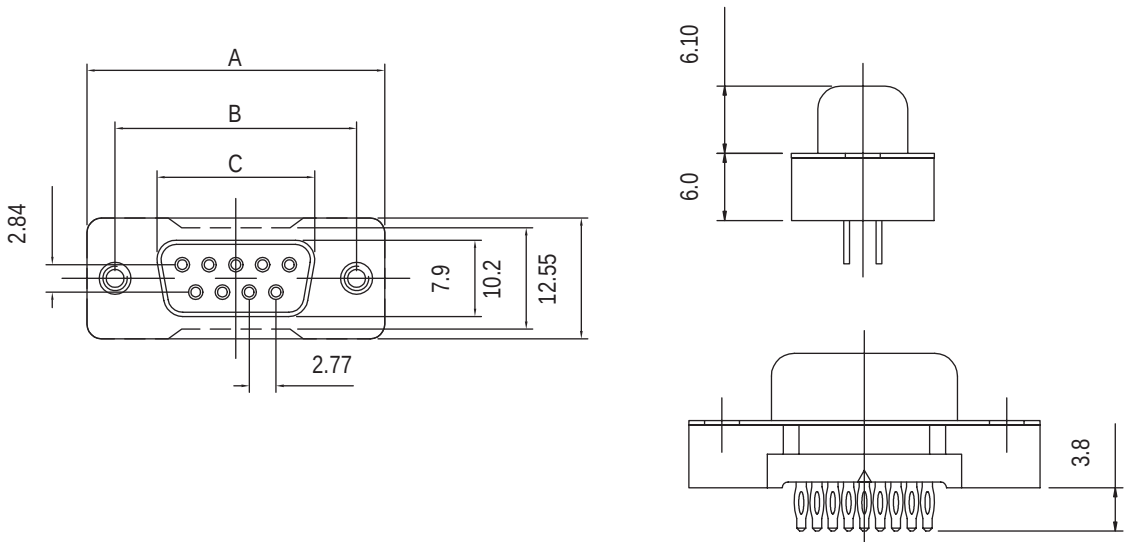
- Industrial
- Telecom
- Any backplanes connections



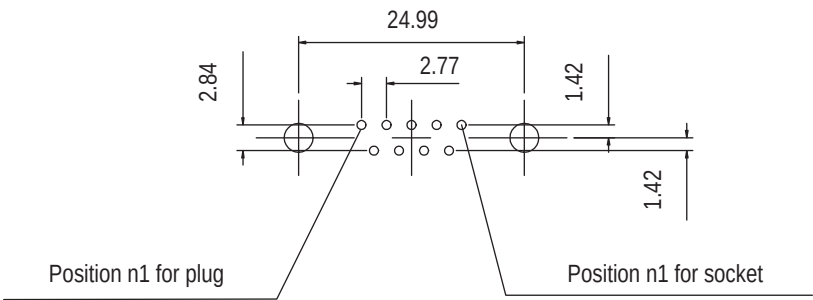
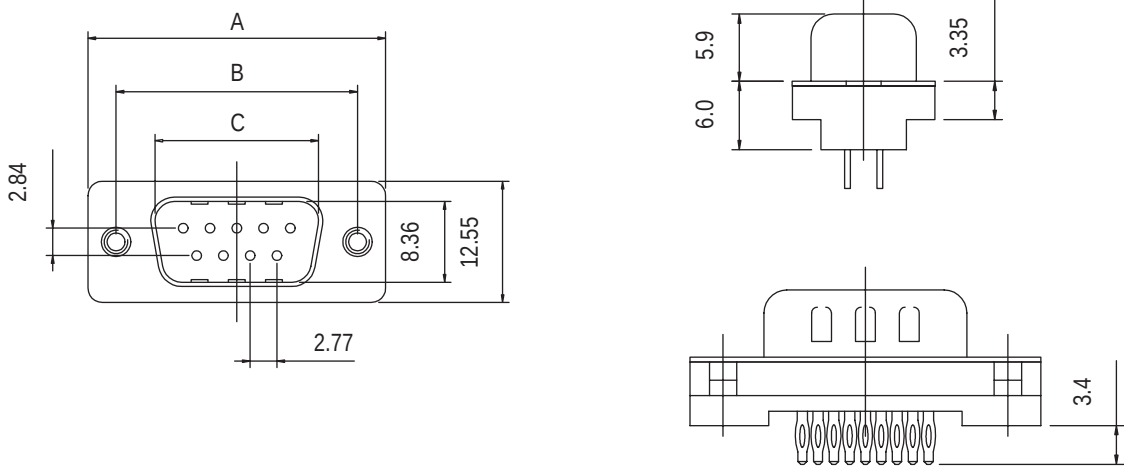
Amphenol

TF / E4

Socket version

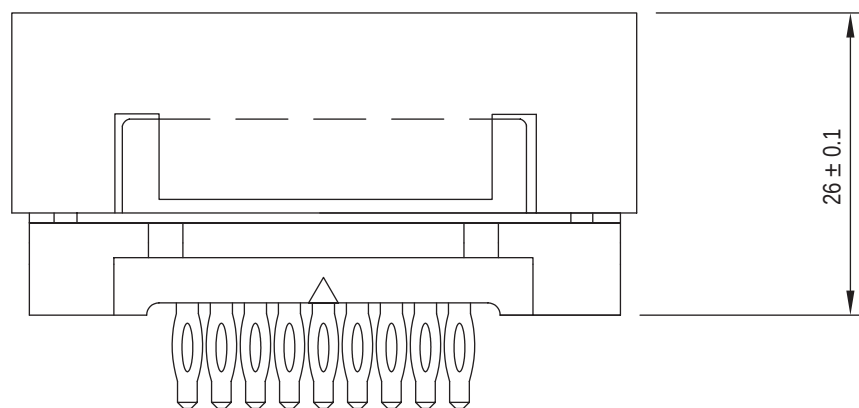


Plug version

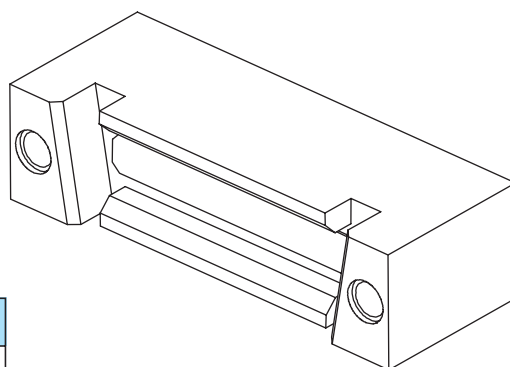


For PCB holes diameters, see on page 1 (finished holes)

Nb OF CONTACTS	DIMENSIONS mm (inch)			
	A	B	C plug	C socket
9	30.81 (1.185)	24.99 (0.984)	16.92 (0.666)	16.33 (0.643)
15	39.14 (1.54)	33.32 (1.312)	25.50 (1.004)	24.66 (0.97)
25	53.04 (2.088)	47.04 (1.852)	28.96 (1.534)	38.38 (1.511)
37	69.32 (2.729)	63.50 (2.5)	55.42 (2.182)	54.84 (2.16)

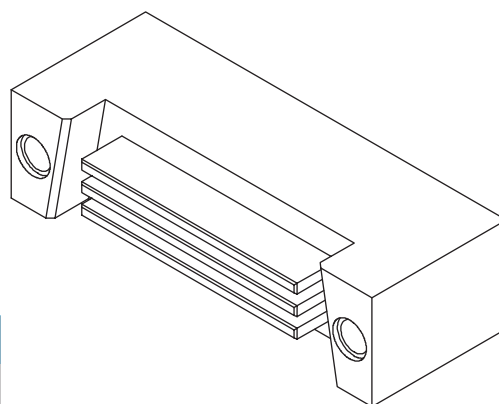


Female



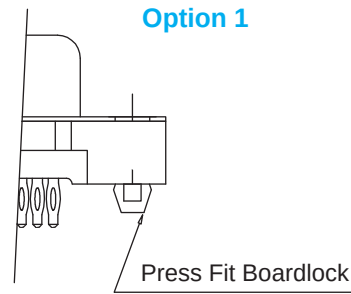
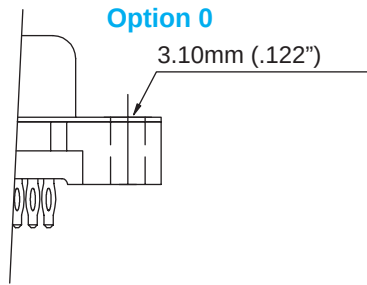
Size of connectors	Tooling PN
9	981 MC
15	982 MC
25	983 MC
37	984 MC

Male

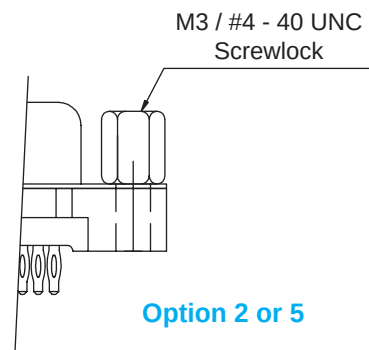
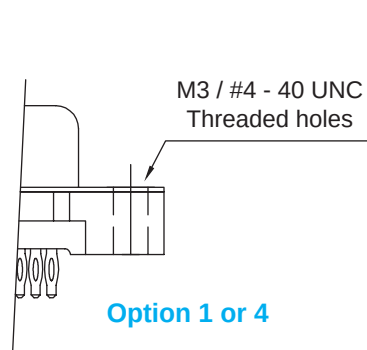


Size of connectors	Tooling PN
9	985 MC
15	986 MC
25	987 MC
37	988 MC

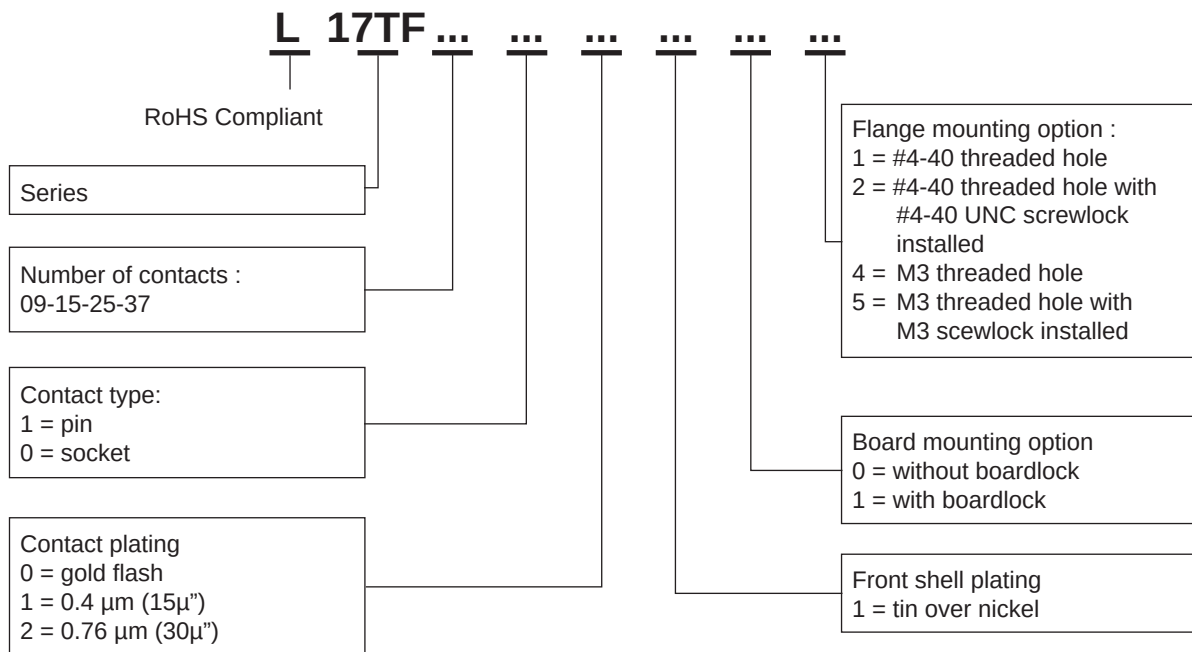
Board mounting option



Flange mounting option



How to order



Do not hesitate to contact us for further information

Amphenol

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Info-dsub@amphenol.com.cn
<http://www.dsubconnector.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

L17TF0900100	L17TF0900101	L17TF0900102	L17TF0900104	L17TF0900105	L17TF0900111	L17TF0900112
L17TF0900114	L17TF0900115	L17TF0901100	L17TF0901101	L17TF0901102	L17TF0901104	L17TF0901105
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L17TF0902104	L17TF0902105	L17TF0902111	L17TF0902112	L17TF0902114	L17TF0902115	L17TF0910100
L17TF0910101	L17TF0910102	L17TF0910104	L17TF0910105	L17TF0910111	L17TF0910112	L17TF0910114
L17TF0910115	L17TF0911100	L17TF0911101	L17TF0911102	L17TF0911104	L17TF0911105	L17TF0911111
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L17TF1511115	L17TF1512100					