

# 682 Series

## Right Angle D-Sub SMT Type

### TECHNICAL DATA

#### Shell

steel Material, Tin Finish, and indentations  
(Dimples) on Plug Only

#### Bracket

Brass strip-H tin plated

#### Sctew

Brass nickel plated

#### Insulator

Standard-PBT Thermoplastic,Black Color,

30% Glass Filled,94V-0 Rated

Reflow Compatible-High Temperature Thermoplastic

Black Color 30% Glass Filled,

94V-0 Rated

#### Contact Retention

Precision Machined Contact 10 Lbs

Precision Formed Contact 10 Lbs

#### Contact Separation Force

4 oz. Min

#### Contact Engagement Force

9 oz. Max

#### Durability

500 Insertion Cycles Min

1000 Insertion Cycles Min with Nominal Machined

Contact Pins

#### Rated Current

5A

#### Rated Voltage

300V DC

#### Withstanding Voltage

500V(r.m.s) AC for 1d minute

#### Insulation Resistance

more than 1000M ohm at 500V DC

#### Contact Resistance

13 mohm Max

#### Dielectric Strength

1000V ACMin for 1 minute

#### Temperature

Standard (-55°C~+105°C)

High Temperature (+235°C~+260°C)

#### Plating Options

Designator	Plating Description
A	30u" gold on mating end. tin-lead on termination end, with entire contact nickel
B	15u" gold on mating end. tin-lead on termination end, with entire contact nickel
C	Gold flash on mating end. tin-lead on termination end, with entire contact nickel

How To order

6 8 2 — — — — — — — —  
Serie-No. No.of contact Plating Mouting  
Option Option

No.of contact	A	B	C	D	Code
				T/T1	
9-Pins Male	16.92	24.99	30.81	17.98/15.90	091
9-Pins Female	16.33	24.99	30.81	- /15.90	092
25-Pins Female	38.38	47.04	53.04	40.14/38.06	252
15-Pins H.D Female	16.33	24.99	30.81	15.46	152

Pating option	Code
Selective Gold Plated	60
15u" Selective Gold Plated	615
30u" Selective Gold Plated	630

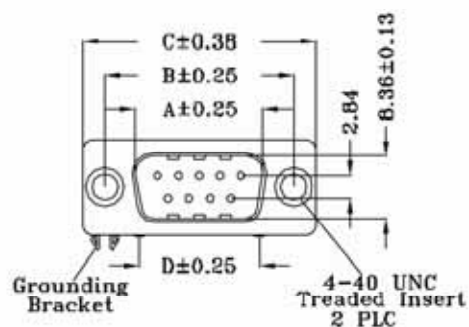
Mouting option	Code
T TYPE	10
T1 TYPE A OPTION	201
T1 TYPE B OPTION	301
W/O Board Lock	401

W.E.

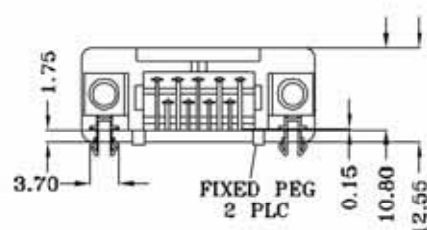
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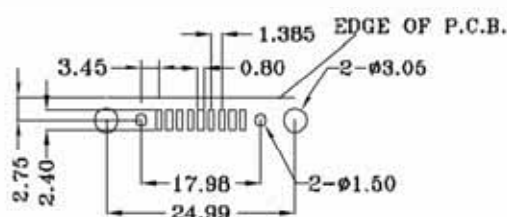
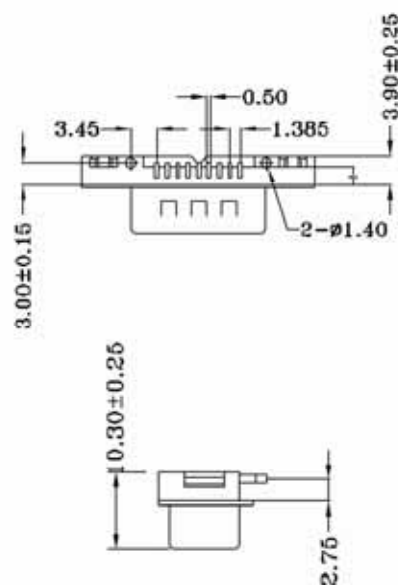
9 Pins Male



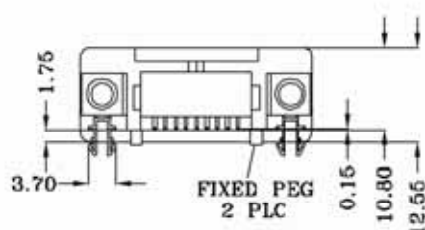
T Type



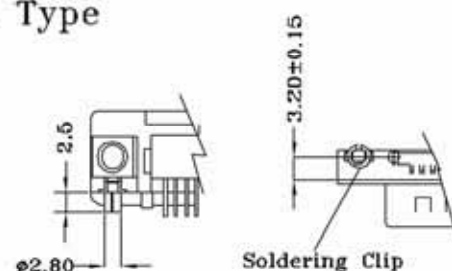
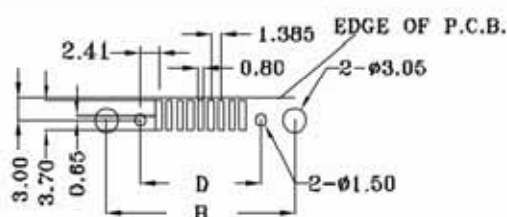
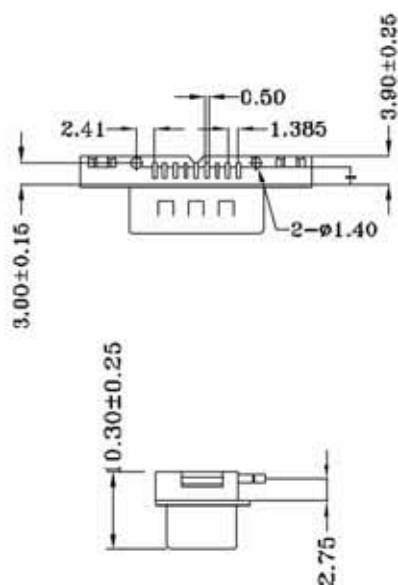
A Option



T1 Type



A Option



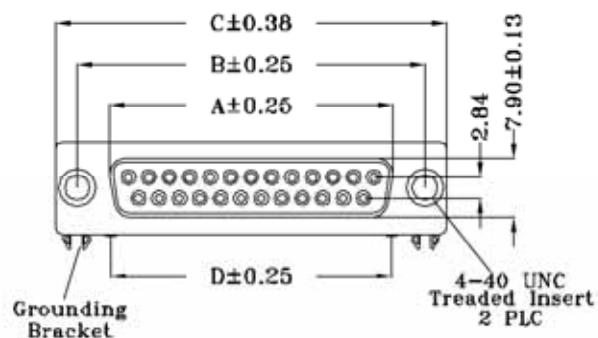
B Option

W.E

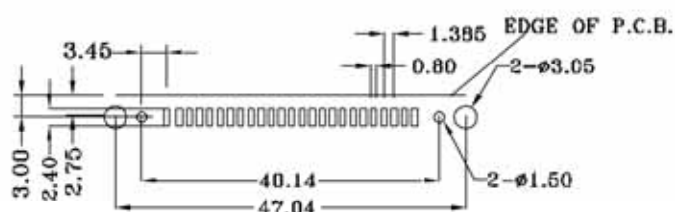
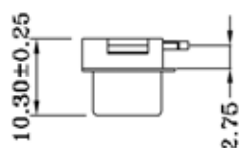
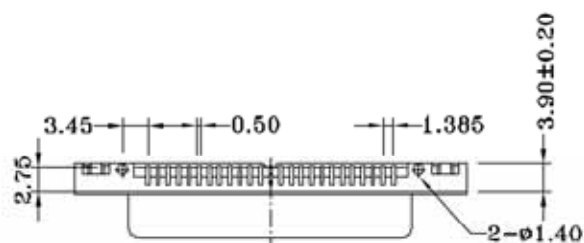
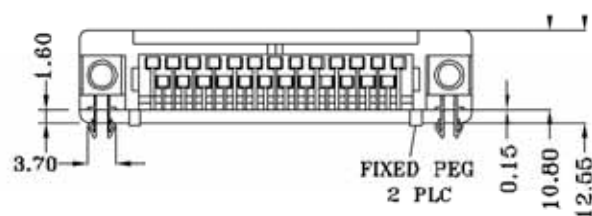
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### 25 Pins Female

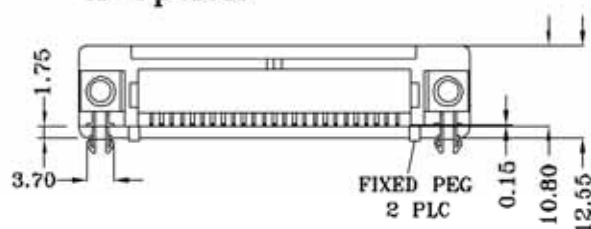


### T Type

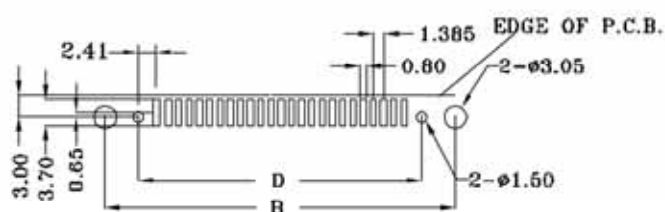
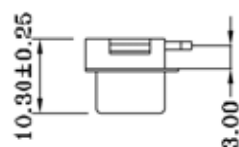
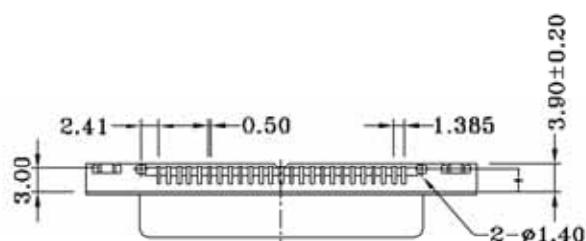
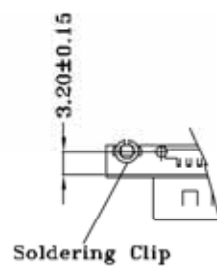
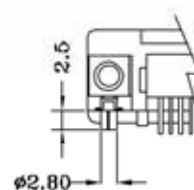


### T1 Type

#### A Option



#### B Option

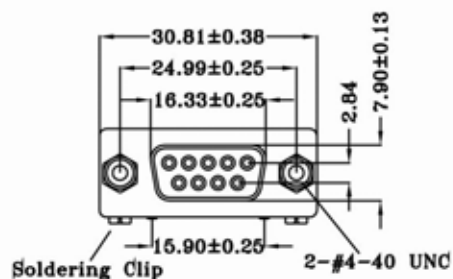


W.E.

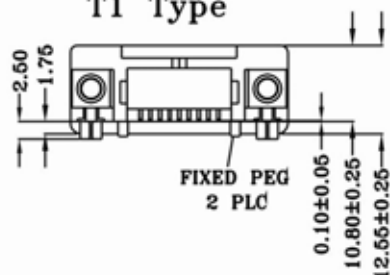
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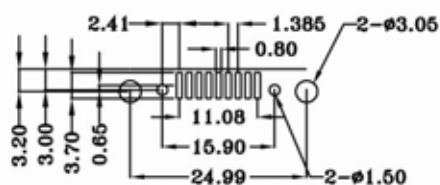
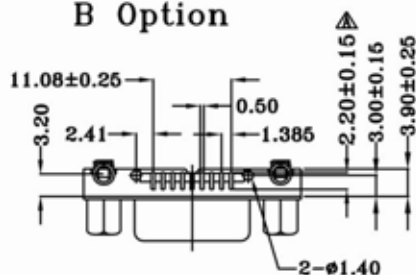
09 Pins Female



T1 Type

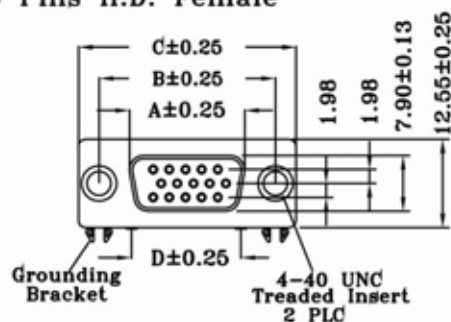


B Option

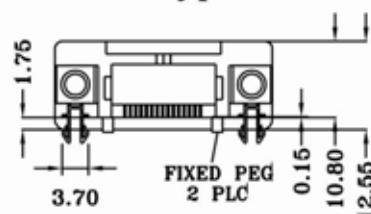


Pin Number :  
1 6 2 7 3 8 4 9 5  
Recommended PCB Layout

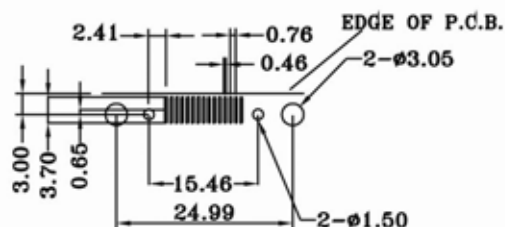
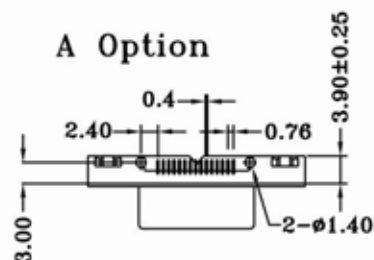
15 Pins H.D. Female



T1 Type



A Option



W.E.