

# BOARD TO BOARD CONNECTOR RECEPTACLE



## 1076 SERIES. 1.00 mm. (0.039") Pitch.

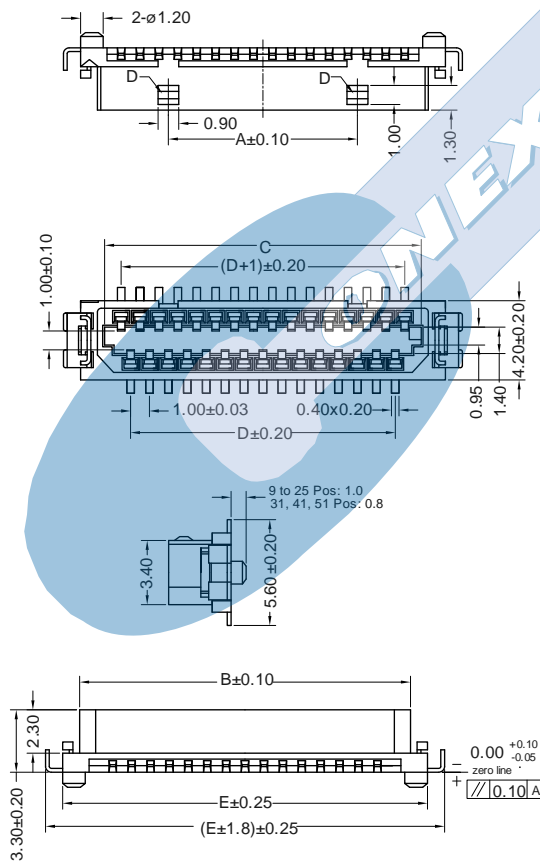
### General Features

- Available in 09, 11, 13, 15, 17, 19, 21, 23, 25, 31, 41 and 51 circuits
- Mates with plug 1.00 mm pitch 1075 series
- Soldering tabs to fix to PCB

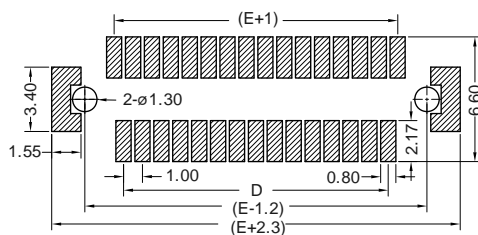
### Materials

- Insulator: PA 46 UL 94 V-0
- Contact: Brass
- Operating temperature. -25°C to +85°C
- RoHS compliant

### Dimension Information



Recommended P.C.B. Layout (Top Side)  
(PCB board Tolerance ±0.05)



### Electrical Features

- Voltage rating: < 100 V
- Current rating: < 0,5 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 200 V AC/minute
- Insulation resistance: >500 MΩ

### Mechanical Features

- Contact retention force: > 0.30 Kg f / pin
- Durability: 50 cycles



**1076 - T- XX- 2 E**  
1 2 3 4

#### 1. Connector Serie

#### 2. (T) Contacts Plating

- T = 2. Tin plated
- T = 3. Gold flash over nickel  
Recommended Finish
- T = 5. 15µ" gold over nickel
- T = 6. 30µ" gold over nickel

#### 3. (XX) Number of circuits

- Available in 09, 11, 13, 15, 17, 19, 21, 23, 25, 31, 41 and 51 circuits

#### 4. (E) Packing Options

- E = 1. Pad + Tubel
- E = 2. Pad + Reel

Circuits	Dimensions				
	A	B	C	D	E
09	-	6.50	5.75	3	8.3
11	-	7.50	6.75	4	9.3
13	-	8.50	7.75	5	10.3
15	-	9.50	8.75	6	11.3
17	3	10.50	9.75	7	12.3
19	4	11.50	10.75	8	13.3
21	5	12.50	11.75	9	14.3
23	6	13.50	12.75	10	15.3
25	7	14.50	13.75	11	16.3
31	10	17.50	16.75	14	19.3
41	15	22.50	21.75	19	24.3
51	20	27.50	31.75	24	29.3