

# F/ CABLE IDC SOCKET CON ULTRA ATA BUS



## 5420 SERIES. 2.54 x 2.54 mm. (0.079 x 0.079") pitch.

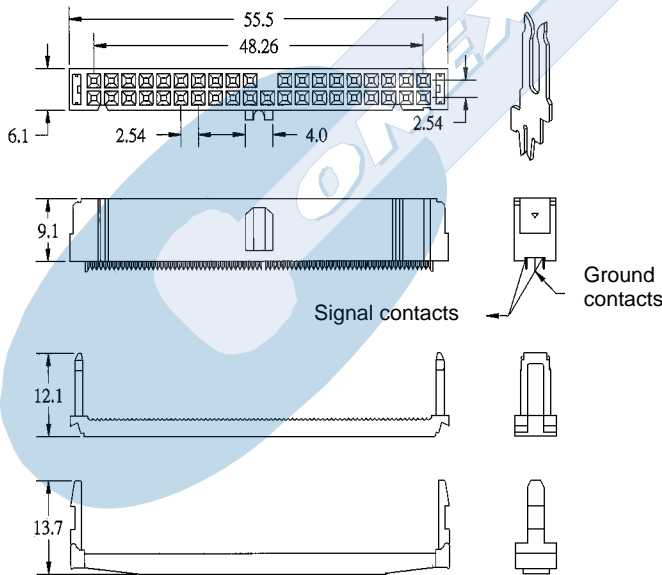
### General Features

- Available in 40 circuits
- Mates with 2.54 mm pitch headers 5341, 5342, 5343, 5446, 5447, 4455, 5543, 5391, 5392, 5393, 5394, 5395, 5396, 5439 and 5438 series
- Wires range : 28 AWG O.D max. 0.85 mm
- Use flat cable 0.635 mm pitch 9063 series
- Optional: Strain relief

### Materials

- Insulator: PBT, glass reinforced, rated UL 94V-0
- Terminal: Phosphor bronze
- Operating temperature. -40°C to +105°C
- RoHS compliant

### Dimension Information

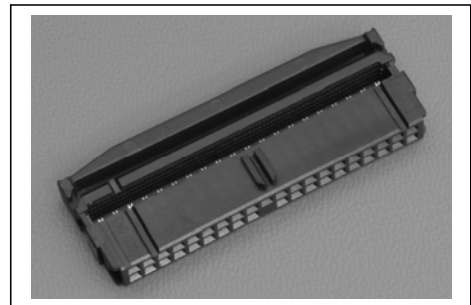


### Electrical Features

- Voltage rating: < 250V
- Current rating: < 1 A
- Contact resistance: < 30 mΩ
- Dielectric withstanding Voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

### Mechanical Features

- Insertion force to header: < 0.30 Kg/pin
- Withdrawal force from header: < 0.04 Kg/pin
- Durability: 50 Cycles



### Ordering Information:

**5420 - T- 40- S**  
 1            2            3            4

#### 1. Connector Series

#### 2. (T) Contact 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

#### 4. (S) Polarizing options

- S = 1. Standard version
- S = 0. Polarized version  
(With pin N° 20 molded)