

# SLIM D-SUB H.D. R/ANGLE PCB SOCKET CON.



## 8077 SERIES. D Sub high density PCB socket connector. SLIM

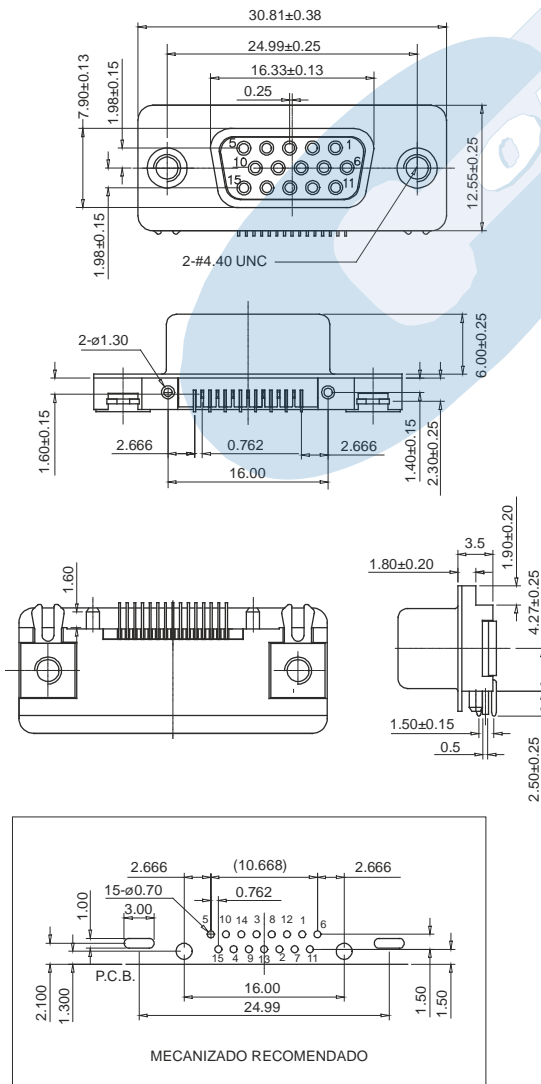
### General Features

- Available in 15 ways
- Contact area: selective gold plating over nickel
- Solder area: tin plating over nickel
- Different hardware options. Contact sales office
- 2 rows in PCB

### Materials

- Insulator: Glass-Filled Thermoplastic PBT, UL94V-0 rated
- Contact: Phosphor bronze
- Shell : Steel, 100U Tin Over 50U Min Copper
- Clinch Nut : Brass, Nickel Plated
- Screwlock : Brass, Nickel Plated
- Boardlock : Brass, Tin Plated
- Operating temperature. -25°C to +85°C
- RoHS compliant

### Dimensional Information



### Electrical Features

- Voltage rating: < 250 V
- Current rating: < 3 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding Voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

### Mechanical Features

- Insertion force per contact: < 0.30 Kgf
- Withdrawal force per contact: < 0.015 Kgf
- Durability: 500 Cycles

### Ordering Information:

**8077 - T- 15- 0 C**  
 1            2            3

#### 1. Connector Series

#### 2. (T) Contact Plating

- T = 3. Gold flash over 1.27 μ Ni.
- T = 4. 0.25 μ Gold over 1.27 μ Ni.
- T = 5. 0.50 μ Gold over 1.27 μ Ni.
- T = 6. 0.75 μ Gold over 1.27 μ Ni.

#### 3. (C) Connector options

- C = 0. Standard version with grounding tap L2 and clinch nut 4-40 UNC mounted
- C = 1. Standard version with grounding tap L2
- Inserted nut 4.40 UNC w/o hexagonal nut (Recommended Finish)

