

# EDCON-COMPONENTS



## Specifications

### Features

Contact Positions: 20

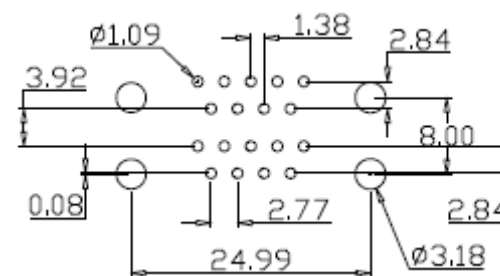
### Materials

Shell: Steel Material, Nickel Finished Dimples on Plug only  
 Insulation: PBT thermoplastic, 30% Glass Filled, UL 94V-0 rated, Black Color  
 Contact Material: Brass  
 Contact Finish: Selective Gold Finished  
 Grounding Bracket: Zinc Alloy, Zinc plated

### Electrical Characteristics

Current Rating: 1.0Ampere  
 Contact Resistance: 20mΩ max  
 Dielectric Withstanding Voltage: 500V AC min.  
 Insulation Resistance: 1000MΩ min.  
 Temperature Rating: -55°C ~ +105°C

## P.C.B. Layout



**D-Sub Connector Wire Wrap  
Machined Contact**

Part No.: **T24G500**

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 10.04.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 1 from 4 | Customer:  |

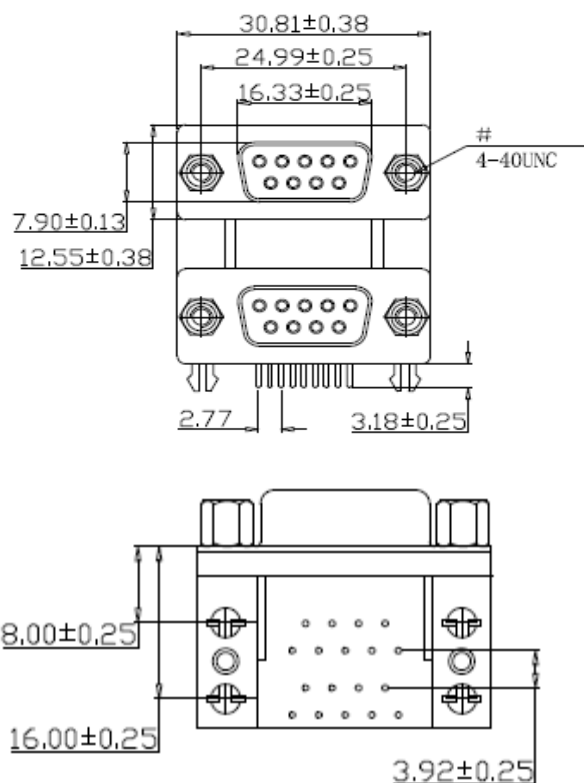
[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)

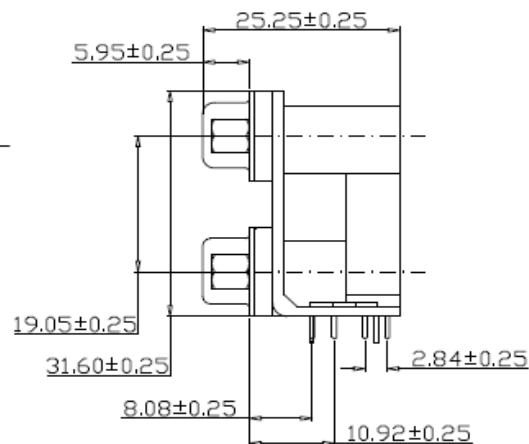
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## Female Contact



## Male Contact



**D-Sub Connector Wire Wrap  
Machined Contact**

Part No.: **T24G500**

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 10.04.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 2 from 4 | Customer:  |

[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)

# EDCON-COMPONENTS



## Ordering Informations

| Serie          | No. of contacts. | Contact Type | Shell Finish | PCB Options | Screw    | Wire Wrap length | Contact Plating | Plastic Color | ROHS     | Packing   |
|----------------|------------------|--------------|--------------|-------------|----------|------------------|-----------------|---------------|----------|-----------|
| <b>T24G500</b> | <b>20</b>        | <b>F</b>     | <b>T</b>     | <b>A</b>    | <b>0</b> | <b>0</b>         | <b>SG</b>       | <b>BK</b>     | <b>R</b> | <b>TY</b> |

|                     |                  |                  |                                |                                  |                       |                              |                  |                        |                         |                                  |                       |                  |                            |                      |
|---------------------|------------------|------------------|--------------------------------|----------------------------------|-----------------------|------------------------------|------------------|------------------------|-------------------------|----------------------------------|-----------------------|------------------|----------------------------|----------------------|
| <b>20=</b> Contacts | <b>F=</b> Female | <b>N=</b> Nickel | <b>A=</b> Through Hole         | <b>1=</b> without mounting screw | <b>A=</b><br>Y=9,50mm | <b>SG=</b><br>Selective Gold | <b>BK=</b> Black | <b>R=</b> ROHS Conform | <b>TY=</b> Tray Packing |                                  |                       |                  |                            |                      |
|                     | <b>M=</b> Male   | <b>T=</b> Tin    | <b>B=</b> Thread Insert UNC-40 |                                  |                       |                              |                  |                        |                         | <b>2=</b> Mounted screw 5,0x10mm | <b>B=</b><br>Y=13,0mm | <b>WH=</b> White | <b>N=</b> NON ROHS Conform | <b>BU=</b> Bulk-Ware |
|                     |                  |                  |                                |                                  |                       |                              |                  |                        |                         | <b>3=</b> added screw separetly  |                       | <b>BL=</b> Blue  |                            |                      |
|                     |                  |                  |                                |                                  |                       |                              | <b>GY=</b> Gray  |                        |                         |                                  |                       |                  |                            |                      |

|   |                |
|---|----------------|
| <b>D-Sub Connector Wire Wrap Machined Contact</b> |                |
| Part No.:   | <b>T24G500</b> |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 10.04.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 3 from 4   |

Customer:



Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



|   |                |
|---|----------------|
| <b>D-Sub Connector Wire Wrap Machined Contact</b> |                |
| Part No.:   | <b>T24G500</b> |
| Customer:   |                |

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 10.04.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 4 from 4 |            |