

## DATASHEET

### IDEAL Modular plug, Cat.6

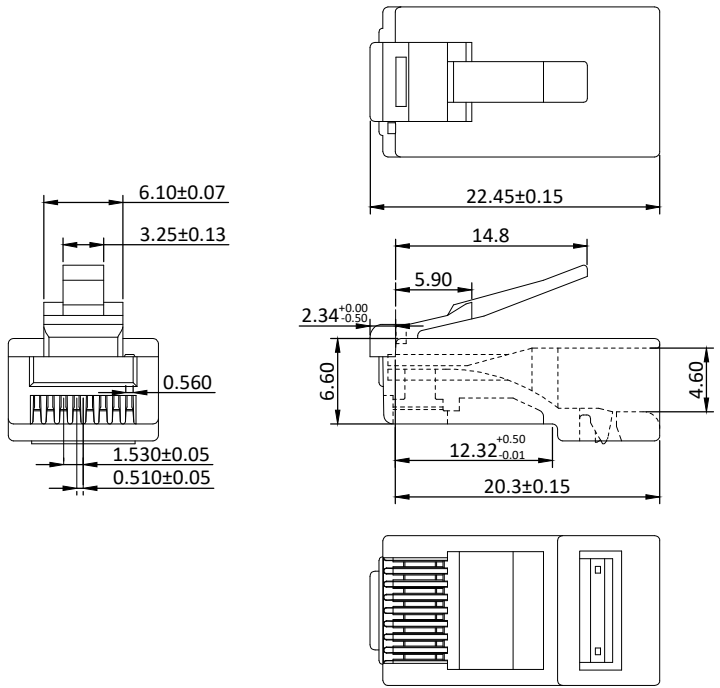


Modular-Stecker, Cat.6, Knickschutztülle nicht im Lieferumfang.

|                                          |             |
|------------------------------------------|-------------|
| <b>Category:</b>                         | 6           |
| <b>Model:</b>                            | jack (jack) |
| <b>Type of connector:</b>                | RJ45 8(8)   |
| <b>Screened:</b>                         | False       |
| <b>Connection type:</b>                  | crimp       |
| <b>AWG-range:</b>                        | 24 - 27     |
| <b>Special tool necessary:</b>           | True        |
| <b>Suitable for round cable:</b>         | True        |
| <b>Suitable for flat cable:</b>          | False       |
| <b>Suitable for litz wire conductor:</b> | True        |
| <b>Suitable for solid core:</b>          | False       |

| Article no. | Title                                                     |
|-------------|-----------------------------------------------------------|
| CNRJ45C6    | IDEAL Modular Stecker, Cat.6,ungeschirmt, RJ45, Rundkabel |

| VERSION | DATE      | REMARK       |
|---------|-----------|--------------|
| A/0     | 2016.8.10 | FIRST ISSUED |



### Performance Remark:

- Environmental:**  
Compliant with RoHS and Reach
- Electrical:**
  - 250V AC max, at 2A
  - Dielectric withstanding 1000V DC/min, <0.5A
  - Insulation Resistance: >500MΩ, 1000V DC/min.
  - Contact Resistance: <20 MΩ
- Mechanical:**
  - Cable to plug tensile strength: 20lbs(89N)min.
  - Durability: above 750 mating cycles
- Temperature for operation:**  
-40℃ to +125℃
- Material:**  
Housing material: Polycarbonate UL94V-0 or 94V-2.  
Color: transparent or colorful can be for choices.  
Gold plating thickness: From gold flash to 50U" are all available.

| Blade   | E | Y |  |  |  |  | OTHER |
|---------|---|---|--|--|--|--|-------|
| DRAWING |   |   |  |  |  |  |       |
| MARK    |   | ✓ |  |  |  |  |       |

| GOLD PLATING | FMU" | 3MU" | 3U" | 6U" | 15U" | 30U" | 50U" | CABLE TYPE | ROUND | FLAT |
|--------------|------|------|-----|-----|------|------|------|------------|-------|------|
| MARK         |      | ✓    |     |     |      |      |      | MARK       |       |      |

| IDEAL TECHNOLOGIES |                |                       |          |       |      |
|--------------------|----------------|-----------------------|----------|-------|------|
| ITEM               | Cat.6 UTP PLUG | DIMENSIONAL TOLERANCE |          | UNIT  | mm   |
| MATERIAL           | PC             | X.X±0.20              | X.X°±5°  | SCALE | NULL |
| DWG NO             | CNRJ45C6       | X.XX±0.10             | X.XX°±2° | PORJ  |      |
| APPROVAL           |                | CHECK                 |          | DRAW  |      |
| Jorge Tena         |                | Charrik Aissa         |          |       |      |