

1) 2B

2B series connectors provide the following main features:  
security of the Push-Pull self-latching system -multipole types 2 to 32 contacts  
solder, crimp or print contacts (straight or elbow) -high packing density for space savings  
multiple key options to avoid cross mating -keying system (<G>key standard)  
of similar connectors for connector alignment  
360° screening for full EMC shielding.

2) Technical Characteristics

Environment: /Indoor  
Ingress protection: IP50  
Rated Temperature: -25° ,+150°  
Durability: >500 mate/unmate cycles  
Corrosion Resistance: Salt spray test>144h

3)Part number ordering

Key System(I)

| KEY LAYOUT | Key Type | G  | A   | B   | C   | D   | E    | F    | J     | K     | L   |
|------------|----------|----|-----|-----|-----|-----|------|------|-------|-------|-----|
|            | Key      | 1  | 2   | 2   | 2   | 2   | 2    | 2    | 2     | 2     | 2   |
|            | Type     | GG | GA  | GB  | GC  | GD  | GE   | GF   | GJ    | GK    | GL  |
|            | Angle    | 0° | 30° | 45° | 60° | 95° | 120° | 145° | 37.5° | 52.5° | 70° |

Pin Number(II)

| Series         | 302   | 303   | 304   | 305   | 306   | 307   | 308   | 310   | 312   |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Pin Number     |       |       |       |       |       |       |       |       |       |
| Pin size       | 2.0mm | 1.6mm | 1.3mm | 1.3mm | 1.3mm | 1.3mm | 0.9mm | 0.9mm | 0.7mm |
| Conductor size | 14AWG | 16AWG | 20AWG | 20AWG | 20AWG | 20AWG | 22AWG | 22AWG | 22AWG |
| Rated current  | 25A   | 17.0A | 15.0A | 14.0A | 12.0A | 11.0A | 10.0A | 8.0A  | 7.0A  |

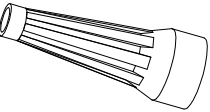
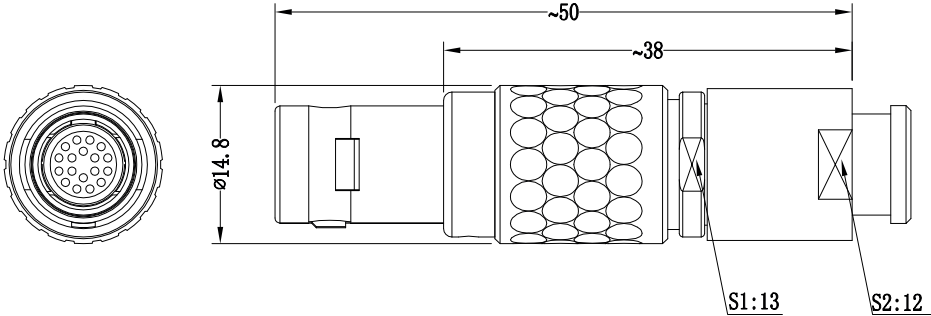
| Series         | 314   | 316   | 318   | 319   | 326   | 332   |
|----------------|-------|-------|-------|-------|-------|-------|
| Pin Number     |       |       |       |       |       |       |
| Pin size       | 0.7mm | 0.7mm | 0.7mm | 0.7mm | 0.5mm | 0.5mm |
| Conductor size | 22AWG | 22AWG | 22AWG | 22AWG | 28AWG | 28AWG |
| Rated current  | 6.5A  | 6.0A  | 5.5A  | 5.0A  | 2.0A  | 1.5A  |

Collect(III)

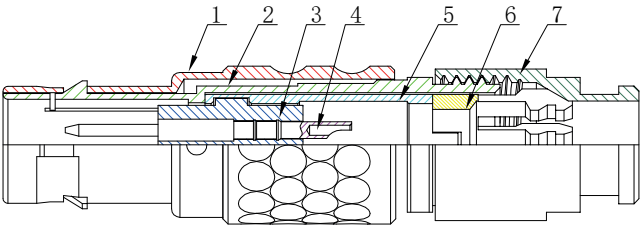
| code         | 42      | 52      | 62      | 72      | 82      | 92      |
|--------------|---------|---------|---------|---------|---------|---------|
| Cable OD     | 3.5-4.0 | 4.1-5.0 | 5.1-6.0 | 6.1-7.0 | 7.1-8.0 | 8.1-9.0 |
| Collect Size | 4.2mm   | 5.2mm   | 6.2mm   | 7.2mm   | 8.2mm   | 9.2mm   |

General description of ordering code

| FAMILY | KEY TYPE | MODEL | PIN NUMBER | OUTER SHELL | INSULATOR | SOLDER TYPE     | CABLE OD | PACKAGE |
|--------|----------|-------|------------|-------------|-----------|-----------------|----------|---------|
| ECTLT  | XX       | 2B    | XXX        | C           | L [PPS]   | A [wire solder] | XX       | V [bag] |



护套/Bend relief  
SCALE 1:2



PLUG

|      |                                        |
|------|----------------------------------------|
| 7    | Collect Nut: Brass,Chrome plated       |
| 6    | Collect: Brass,Nickel plated           |
| 5    | Insulator Carrier: Brass,Nickel plated |
| 4    | Pin: Brass,Gold plated,24AWG           |
| 3    | Insulator: PPS                         |
| 2    | Latch Sleeve: Copper ,Nickel plated    |
| 1    | Outer Shell: ZBrass,Chrome plated      |
| ITEM | Name & DESCRIPTION                     |



euro-conn



| UNITS: mm |  | SHEET SIZE: ISO A4 |  | SCALE: ---- |  |
|-----------|--|--------------------|--|-------------|--|
| > 0 ~ 3   |  | > 3 ~ 18           |  | > 18 ~ 50   |  |
| ± 0.12    |  | ± 0.15             |  | ± 0.3       |  |

! I prodotti e le caratteristiche possono cambiare senza preavviso.  
The products and their features may change without notice.

CIRCULAR/PUSH PULL