1) 3B series connectors provide the following main features:

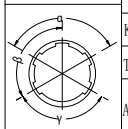
- security of the Push-Pull self-latching system -multipole types 2 to 32 contacts
- solder, crimp or print contacts (straight or elbow) -high packing density for space savings
- multiple key options to avoid cross mating -keying system (<G>key standard) of similar connectors for connector alignment
- 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°
		⁄	α			γ	ß		α		γ

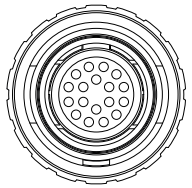
Pin Number(Ⅱ)

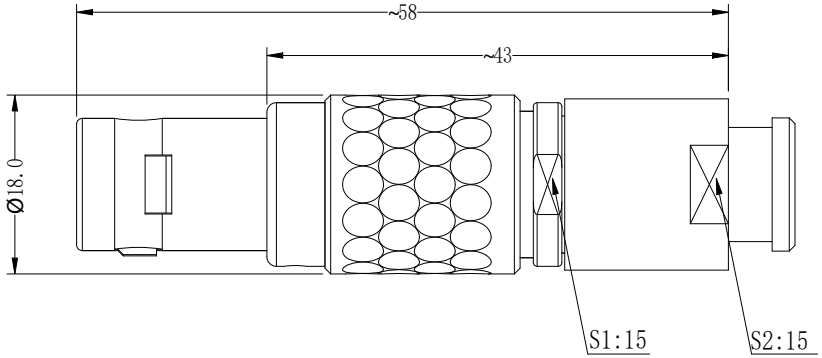
Series	302	303	304	305	306	307	308	309	310	312
Pin Number										
Pin size	3.0mm	2.0mm	2.0mm	1.6mm	1.6mm	1.6mm	1.3mm	1.3/2.0mm	1.3mm	0.9mm
Conductor size	12AWG	16AWG	16AWG	18AWG	18AWG	18AWG	20AWG	20/16AWG	20AWG	22AWG
Rated current	35A	25A	19A	19A	17A	15A	13A	/	12A	9A

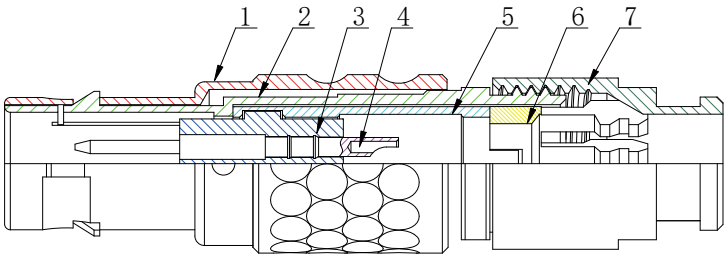
Series	314	316	318	320	322	324	326	330	332
Pin Number									
Pin size	0.9mm	0.9mm	0.9mm	0.7mm	0.7mm	0.7mm	0.7mm	0.7mm	0.7mm
Conductor size	22AWG	22AWG	22AWG	22AWG	22AWG	22AWG	22AWG	22AWG	22AWG
Rated current	9A	8A	7A	6A	5.5A	4A	4A	3.5A	5.0A

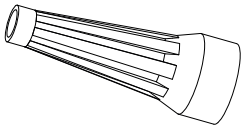
Collect(Ⅲ)

code	52	62	72	82	92	10	11
Cable OD	4.1-5.0	5.1-6.0	6.1-7.0	7.1-8.0	8.1-9.0	9.1-10.0	10.1-11.0
Collect Size	5.2mm	6.2mm	7.2mm	8.2mm	9.2mm	10.2mm	11.2mm









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

General description of ordering code

FAMILY		KEY TYPE	MODEL	PIN NUMBER	OUTER SHELL	INSULATOR	SOLDER TYPE	CABLE OD	PACKAGE
ECTLT	-	XX	3B	XXX	C	L [PPS]	A [wire solder]	XX	V [bag]

euro-conn

RoHS Compliant Lead Free

UNITS: mm	SHEET SIZE: ISO A4	SCALE: ----	
> 0 ~ 3	> 3 ~ 18	> 18 ~ 50	> 50 ~ 120
± 0.12	± 0.15	± 0.3	± 0.5

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

CIRCULAR/PUSH PULL