INELCO®

THE DISTINCTION

modcon®
modular plugs

INELCO the home of unparalleled quality and service in INterconnection and ELectronic COmponents is a European driven company, manufactoring European ideas, solutions and quality in Asia. INELCO's mission is to fulfill the requirements of their partners and customers and remains the best choice for cost-effective solutions. INELCO is the supplier of interconnection and electronic components and systems for networking, telecommunications and industrial applications. INELCO's product range includes modular (Western) plugs and jacks (modcon®), with and without integrated transformers (intrajack®), shielded and unshielded as well as terminals (voice services®), SFPs (compu-shield®), M12 (circon®), discrete components (discom® transformers, coils and inductors), USBs and other additional products and services.

Contents

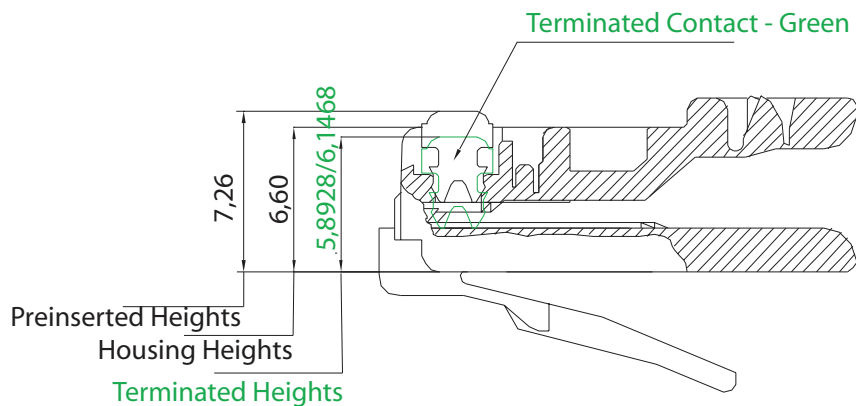## modcon® - modular plugs

Specification

Insulation Resistance	1,000 MΩ
Contact Resistance	10 mΩ
Current/ Voltage	30 V AC/ 42 V DC at 1,5A
Withstanding Voltage	1,000 V AC/ min
Durability	500 ... 2,500 Mating Cycles
Selective Gold Plating	3 μ", 6 μ", 15 μ", 30 μ", 50 μ"
Contact Material	Phosphor Bronze with Gold Plating on Nickel
Housing Material	Polycarbonate UL 94 V-0/ V-2
Operation Temperature	-40°C to +70°C

Modular Plug Conforming to ANSI/ TIA-1096-A

Tooling for Assembly

FCC68.5 Crimp Heights

Terminated Contact - Green

7,26

6,60

5,8928/6,1468

Preinserted Heights
Housing Heights
Terminated Heights

Part Numbers

P X C P X - GX

P: Modular **P**lug
U: **U**nshielded, **S**: **S**hielded
C: Number of **C**ontacts
P: Number of **P**ositions
F : **F**lat Cable Entry
R : **R**ound Cable Entry
I : **I**nsert/ Wire Bar
SB : **S**hort **B**ody
L : **L**arge Body
T : **T**hin Wires
Gold Plating: Standard = 30 µ"
G03 = 3 µ", **G15** = 15 µ" , ...
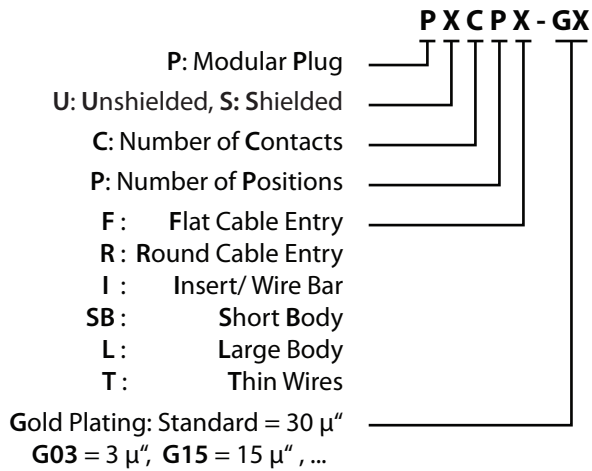
standard contact
for stranded wires
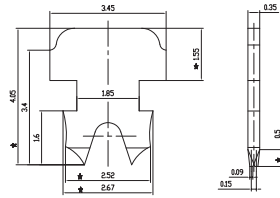
option: contact
for solid wires
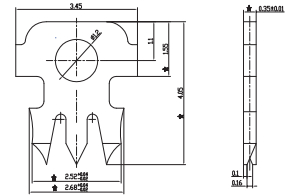
hole inside at high speed versions

PHOOD15(6)−COLOR   (5: Ø=max 5.5 mm and 6: Ø=max 6.5 mm)
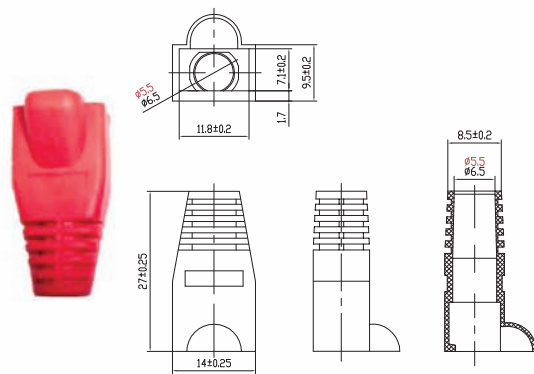
PHOOD2   PHOOD3

Colorized Plugs
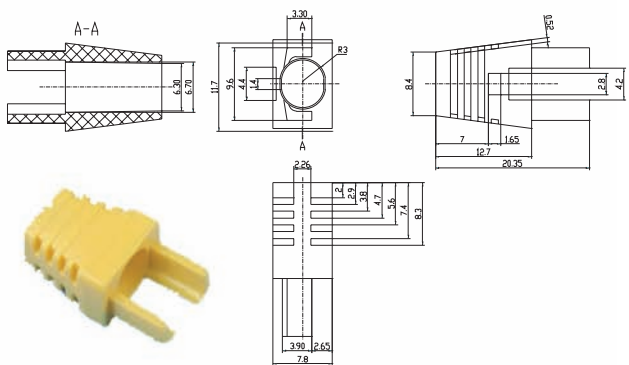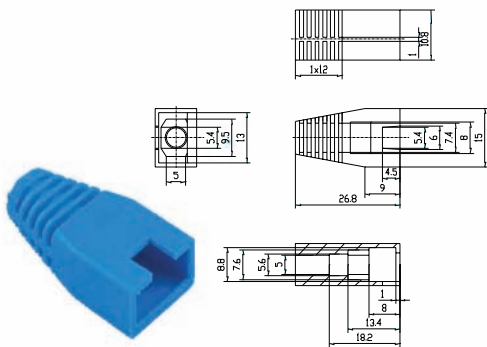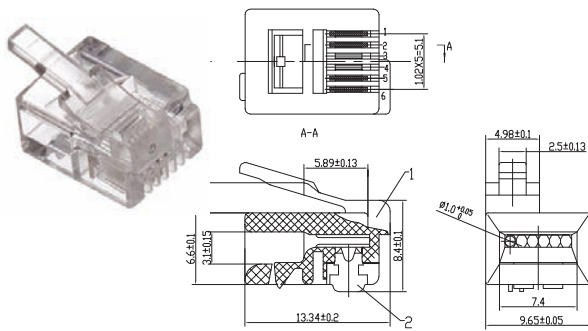
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4 Positions Unshielded Plugs

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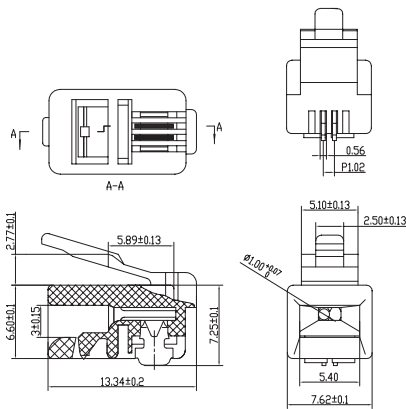
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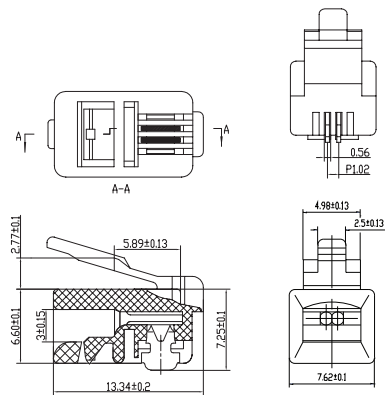
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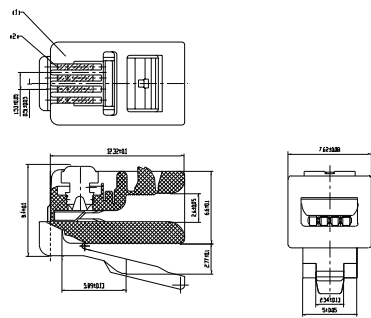
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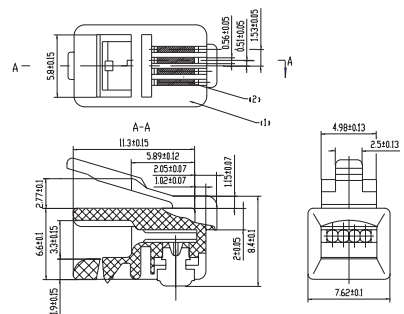
6 Positions Unshielded Plugs

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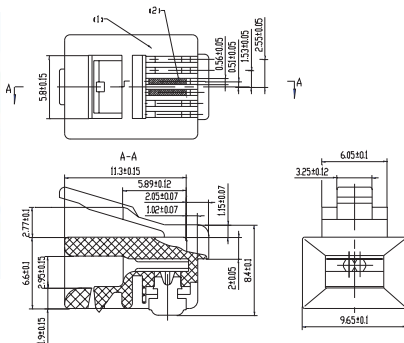
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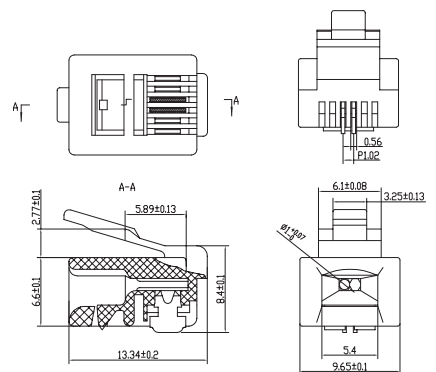
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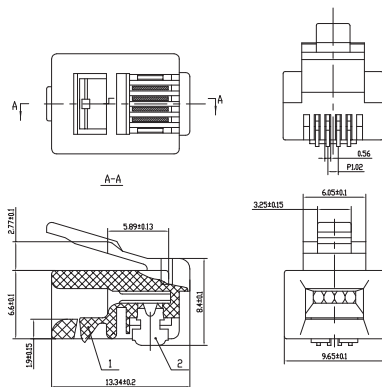
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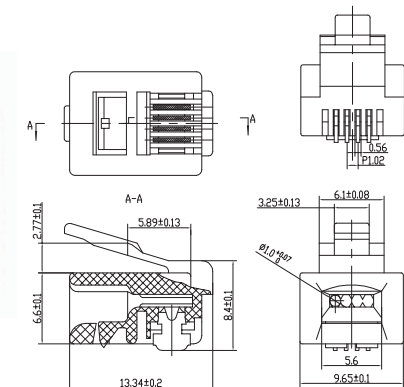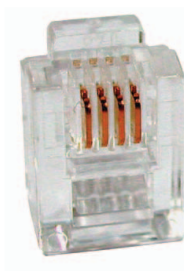
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6 Positions Unshielded Plugs

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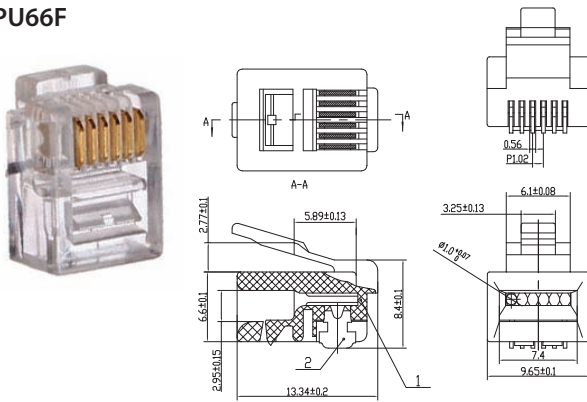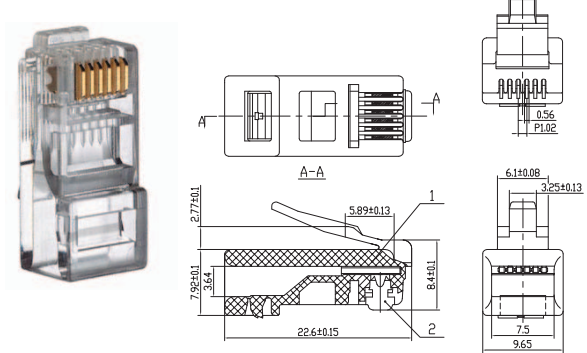

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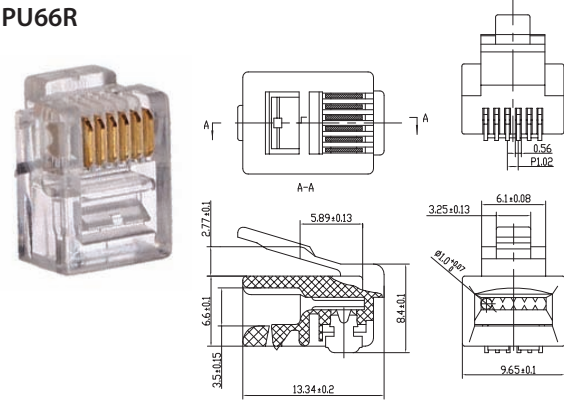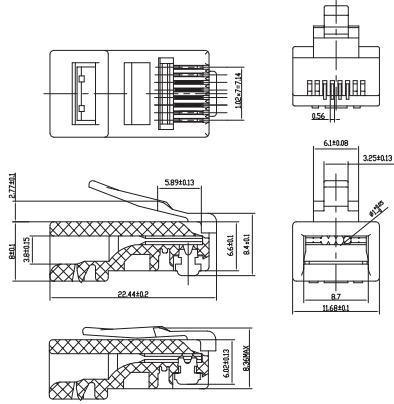

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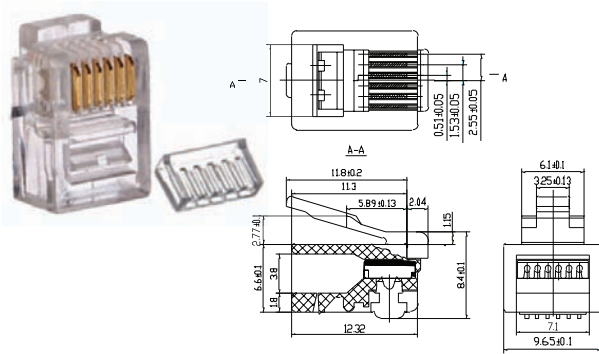
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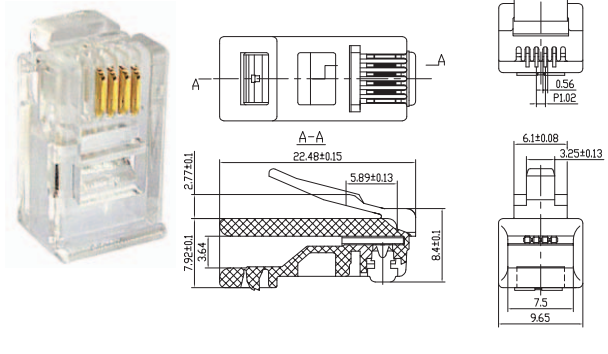
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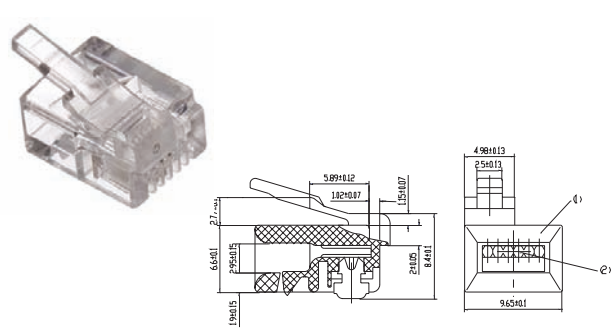
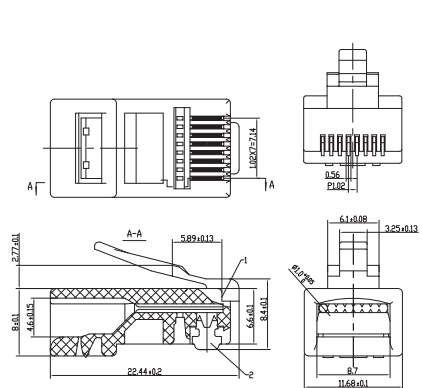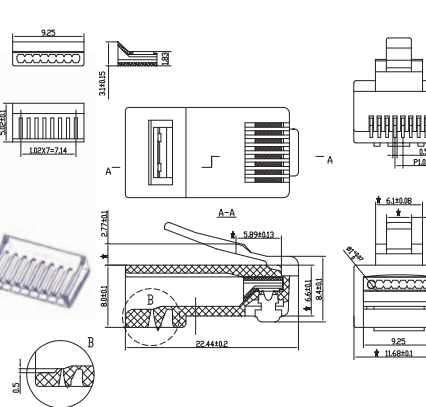**PU46XL**
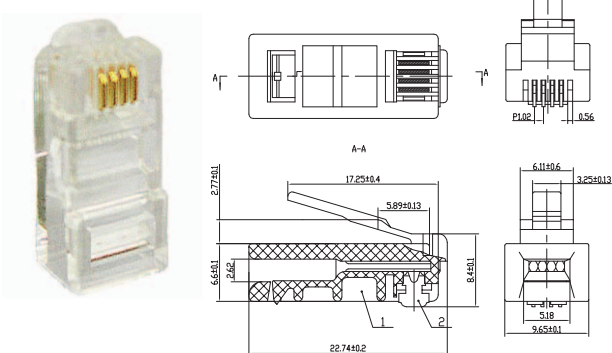
PU66XL

8 Positions Unshielded Plugs

PU48F

PU48R
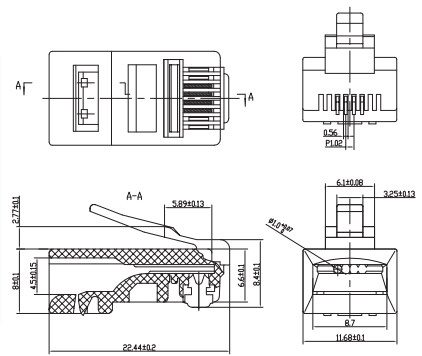
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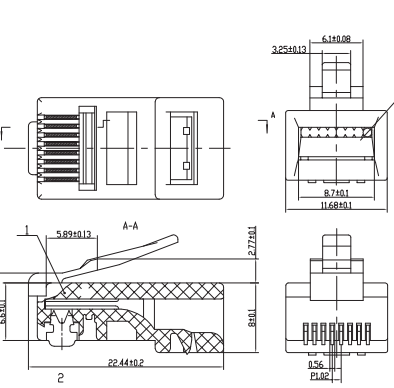
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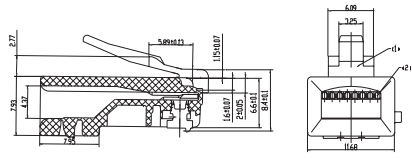

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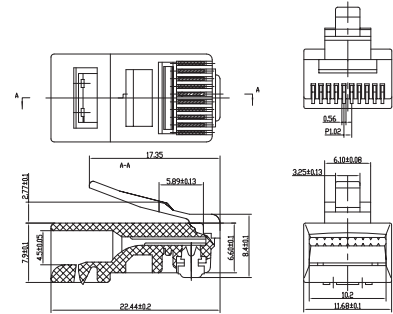**PU88SBF**
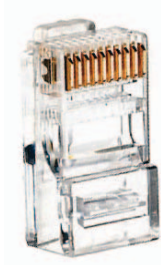

PU88SBR

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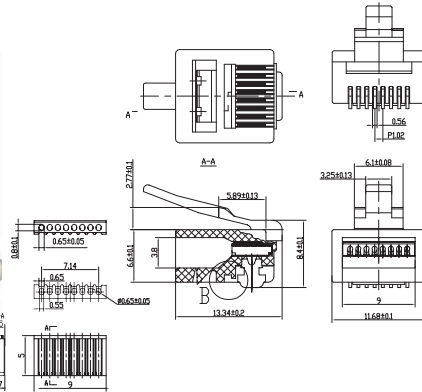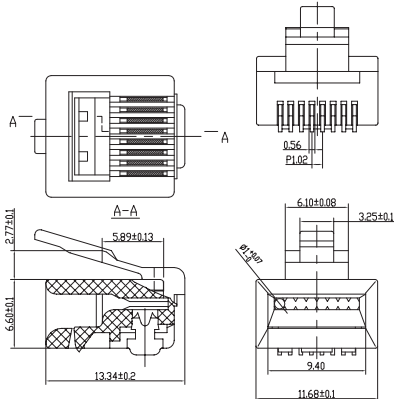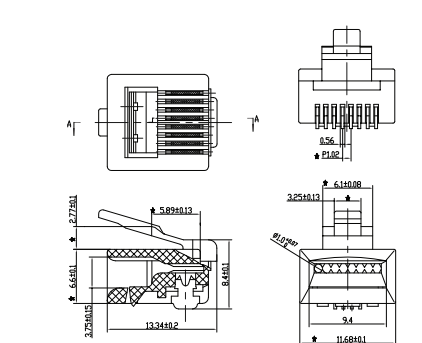
8 Positions Unshielded Plugs

PU88K1

10 Positions Unshielded Plugs

PU00R

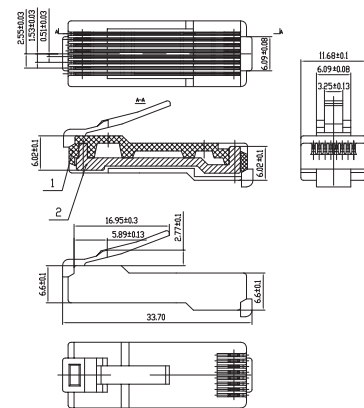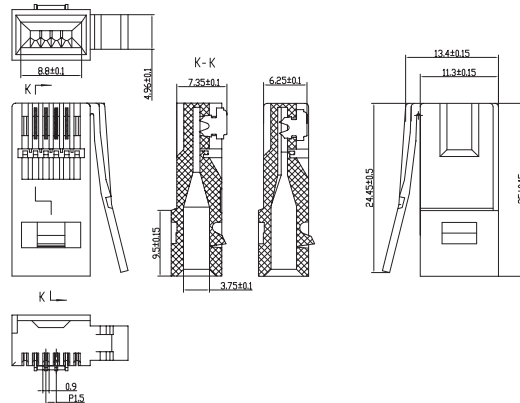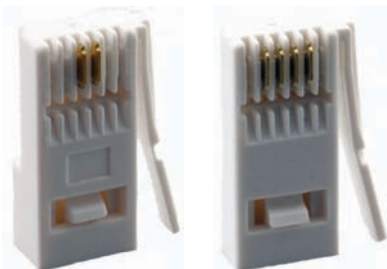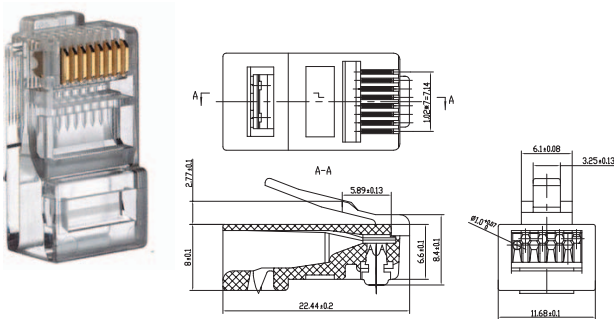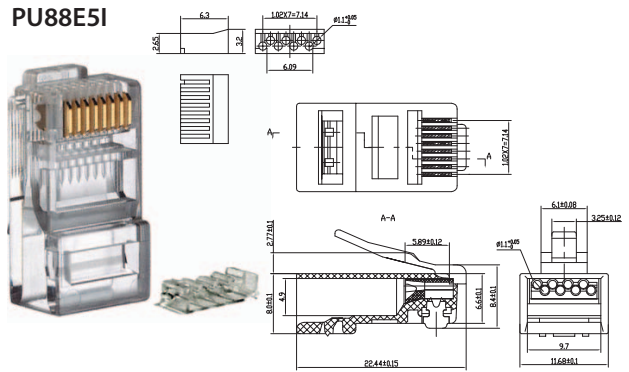### Special Unshielded Plugs

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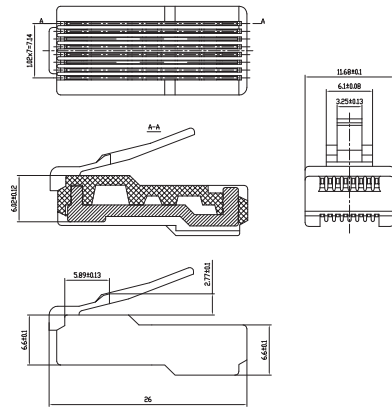
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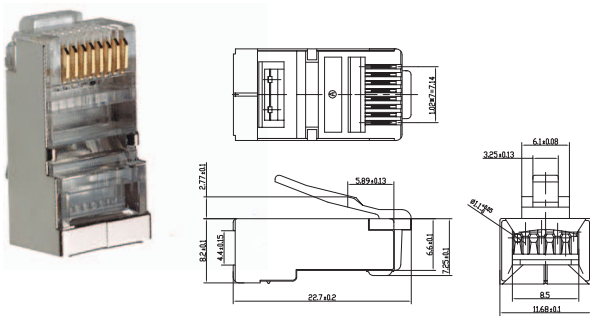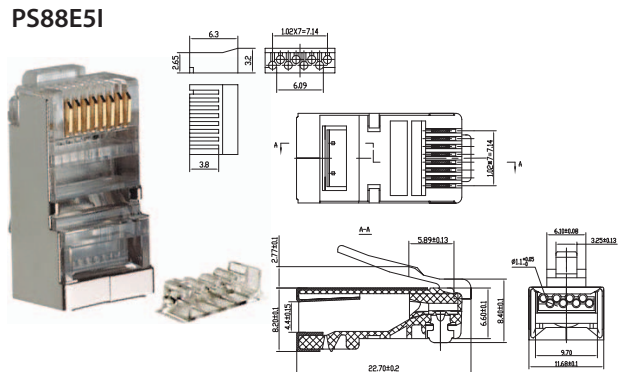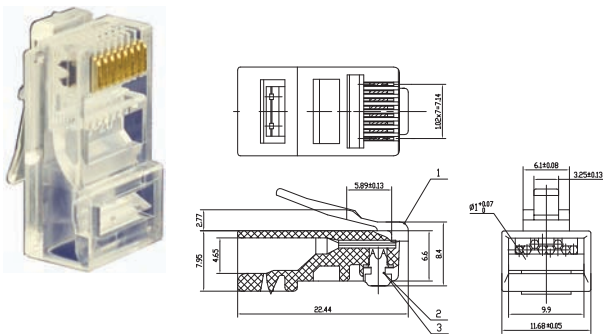## Shielded and Unshielded CAT5e Plugs

PU88E5

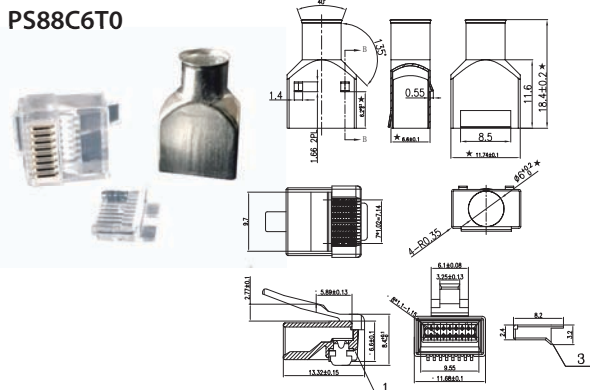### PU88E5I

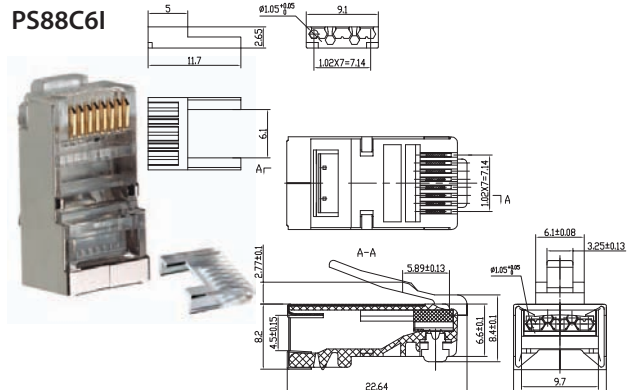
PS88E5

PS88E5I

Shielded and Unshielded CAT6 Plugs

PU88C6

PU88C6I

PS88C6T0

PS88C6I

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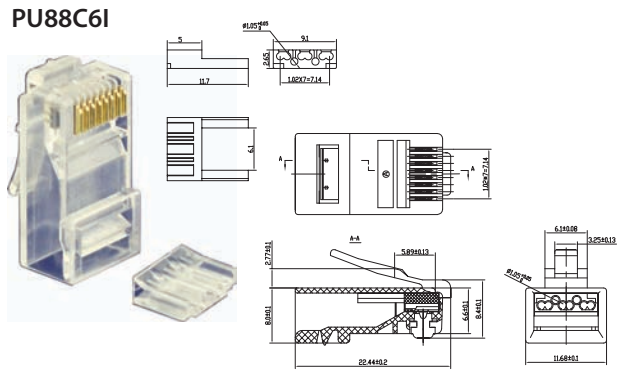
8 Positions Shielded Plugs

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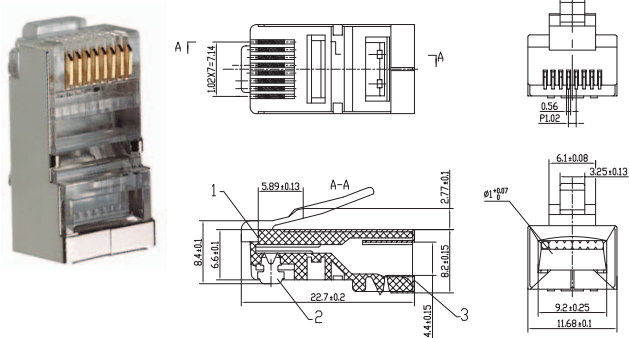
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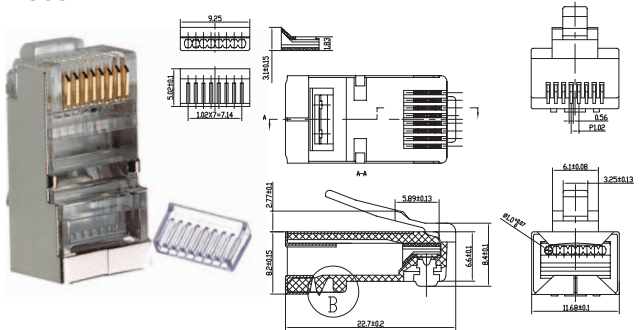
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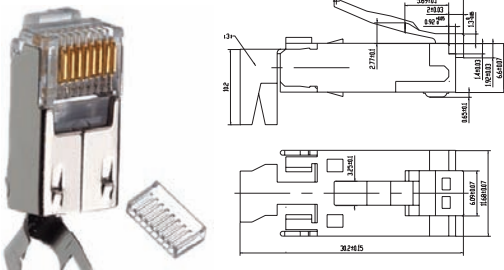
HOODH77S/L

10 Positions Shielded Plugs

PS00R