

Step 1

Slide the hood over the cable.
Strip the cable insulation ≥ 30 mm.



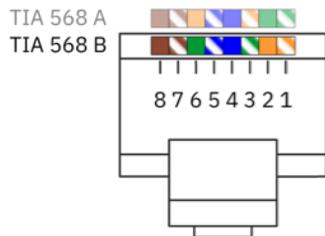
Step 2

Wrap the braid over the cable.
Trim and strip off the foil.



Step 3

Untwist the pairs and control that all wires are intact. Arrange them according to TIA 568 B color scheme.

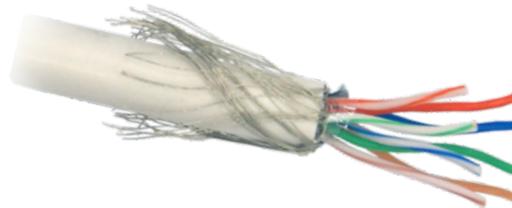


Assembly

- Plug **PS88E5I**
with Insert
- Hood optional, PH00D15/16/2
- Cable OD < 6.5mm / 5.5 mm
(depending on hood)
- Cable STP, 4 pairs, stranded
- Wire \varnothing < 1.10 mm
- Crimp Tool Handtool K750 or die set U149 for crimp machine

Step 4

Sort the wires into upper and lower row and cut them diagonal for insertion. Hold the insert's grooved side up.



Step 5

Thread all wires through then cut straight at the end of the insert.



Step 6

Take the plug with contacts pointing up. Push the insert through until all wires are in front. 87654321



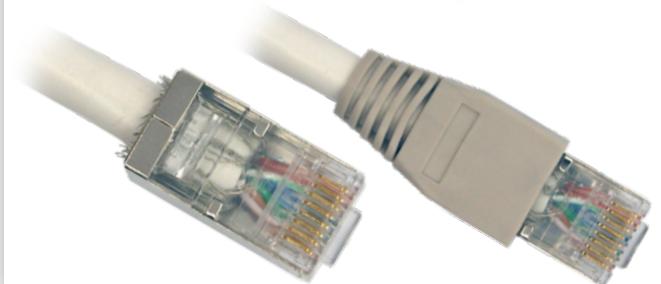
Step 7

Crimp the plug with the tool. Control contacting and strain relief.



Step 8

Cut off the excess braid. Slide the hood over the plug.



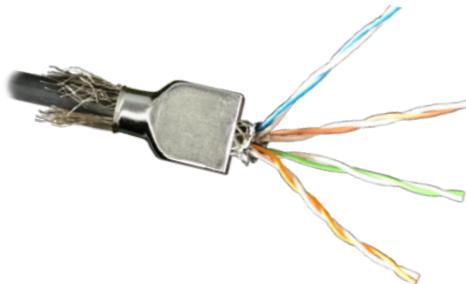
Step 1

Strip the cable insulation ≥ 30 mm.
Wrap the braid over the cable.



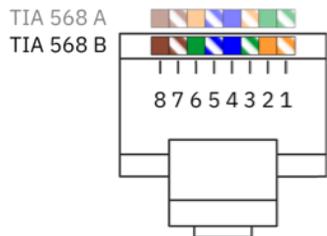
Step 2

Slide the shield can over the cable.
Trim the foil to 2 mm.



Step 3

Untwist the pairs and control that all wires are intact. Arrange them according to TIA 568 B color scheme.



Assembly

- Plug **PS88C6T-HS**
- Insert **MB88C6T**
- Shield Can **MSCC6T01**
- Cable OD ~ 6 mm
- Cable **STP, X pairs, stranded**
- Wire $\varnothing < 1.10$ mm
- Crimp Tool **Handtool K770-03 or die set U178 for crimp machine**

Step 4

Cut the wires diagonal for insertion.
Hold the insert's open side up.



Step 5

Thread all wires through then cut straight at the end of the insert.



Step 6

Take the plug with contacts pointing up.
Push the insert through until all wires are in front.



Step 7

Slide the shield can onto the plug.
Crimp the plug with the tool.



Step 8

Control contacting and strain relief.
Cut off the excess braid.



Step 1

Slide the hood over the cable.
Strip the cable insulation ≥ 25 mm.



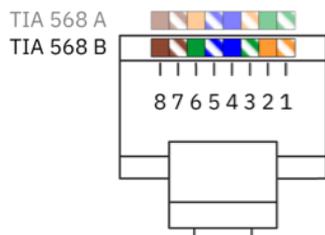
Step 2

Wrap the braid over the cable.
Trim and strip off the foil.



Step 3

Untwist the pairs and control that all wires are intact. Arrange them according to TIA 568 B color scheme.



Assembly

- Plug **PS88C6I**
- Insert **MB88C6I**
- Hood optional, PH00D15/16/2
- Cable OD $< 6.5\text{mm} / 5.5 \text{ mm}$
(depending on hood)
- Cable STP, 4 pairs, stranded
- Wire $\varnothing < 1.05 \text{ mm}$
- Crimp Tool Handtool K750 or die set U777 for crimp machine

Step 4

Sort the wires into upper and lower row
Cut them diagonal for insertion.
Hold the insert's grooved side up.



Step 5

Thread all wires through then cut straight at the end of the insert.



Step 6

Take the plug with contacts pointing up.
Push the insert through until all wires are in front.



Step 7

Crimp the plug with the tool.
Control contacting and strain relief.



Step 8

Cut off the excess braid.
Slide the hood over the plug.



Modular Plugs

INELCO has one of the broadest ranges of MODular CONnectors - MODCON®. Full range of assembly tooling well adapted for our modular plug series is available from



Features

- 4 - 10 positions, 2 - 10 contacts
- Cat3, Cat5, Cat6, Cat6A, Cat8
- Short or long body
- Round or flat cable entry
- Hoods in many colors

Specifications

- 6 ... 50 μ" gold plating, std 30 μ"
- Blades for stranded wires (std), solid and stranded wires, thin wires
- unshielded or shielded
- PC, UL 94 V-0, many colors

Telecom unshielded 4 and 6 position



PU44

PU66

PU66XL

Unshielded Plugs



PU88I

PU88E5W

PU00

Shielded Plugs



PS88

PS88I

PS88H77

Short Body Plugs



PU88SB

PS88SBI

Cat6 and Cat6A Plugs



PS88C6T

PU88C6I

PS88C6I

Hoods in different colors



PH00D16
Ø ≤ 6.5 mm

PH00D2
Ø ≤ 5.5 mm

PH00D3
Ø ≤ 5.5 mm

HOODH77S
Ø ≤ 6 mm

HOODH77L
Ø ≤ 7.5 mm

Modular Plug Crimp Tools

Description

Professional crimping tools from bex are especially developed for Inelco's MODCON® plug series to achieve the best performance and reliability.

50,000 crimp cycles guaranteed.

One-step crimping.



Please contact bex direct: www.bextools.com

Plug	Pos	Hand Tool and (Sub) Insert		Cable OD [mm]	Die for Air Crimper 080 (P110 or P120)
PS88A6M-HX PS88INDX	8	K791	791021	5.5 - 6.0	U137
			791022	6.1 - 6.6	
			791023	6.7 - 7.9	
			791024	8.0 - 8.5	
PS84INDX	8	K795	incl.	≤ 8.5	U134
PS88C6T	8	K770-03	incl.	5.5 - 6.5	U178
PS88C6I	8	K750	U777	≤ 6.5	U149
Cat5/6 STP/UTP with insert	8	K750	U776	≤ 6.5	U149
PS88	8		U751	≤ 6.5	U124
PU88	8		U774	≤ 6.5	U124
PU6X	6		U772	5.4	U132
PU4X	4		U771	4.3	U131
PS00	10		U753	≤ 6.5	
PU00	10		U775	≤ 6.5	

"X" in the part number is not relevant for choosing the tool.

Tool frame K750 with exchangeable steel inserts for various modular plugs.

Tools K791 and K795 arrive as one code, without separate code for insert.

Different cable O.D. are accommodated via exchangeable sub inserts.

For example: Crimping insert (791024) 8,0-8,5 mm for K791 pliers.

27 - 04 - 2018

INELCO[®]
THE DISTINCTION

modcon[®]
modular plugs





INELCO the home of unparalleled quality and service in INterconnection and ELectronic COmponents is a European driven company, manufacturing 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

Specification	01
Assembly Tooling	01
Part Numbers	02
Hoods	02
4P Plugs Unshielded	03
6P Plugs Unshielded	03
8P Plugs Unshielded	05
10P Plugs Unshielded	06
UK Plugs Unshielded	06
CAT5e und CAT6 Plugs Shielded and Unshielded	07
8P Plugs Shielded	08
10P Plugs Shielded	08

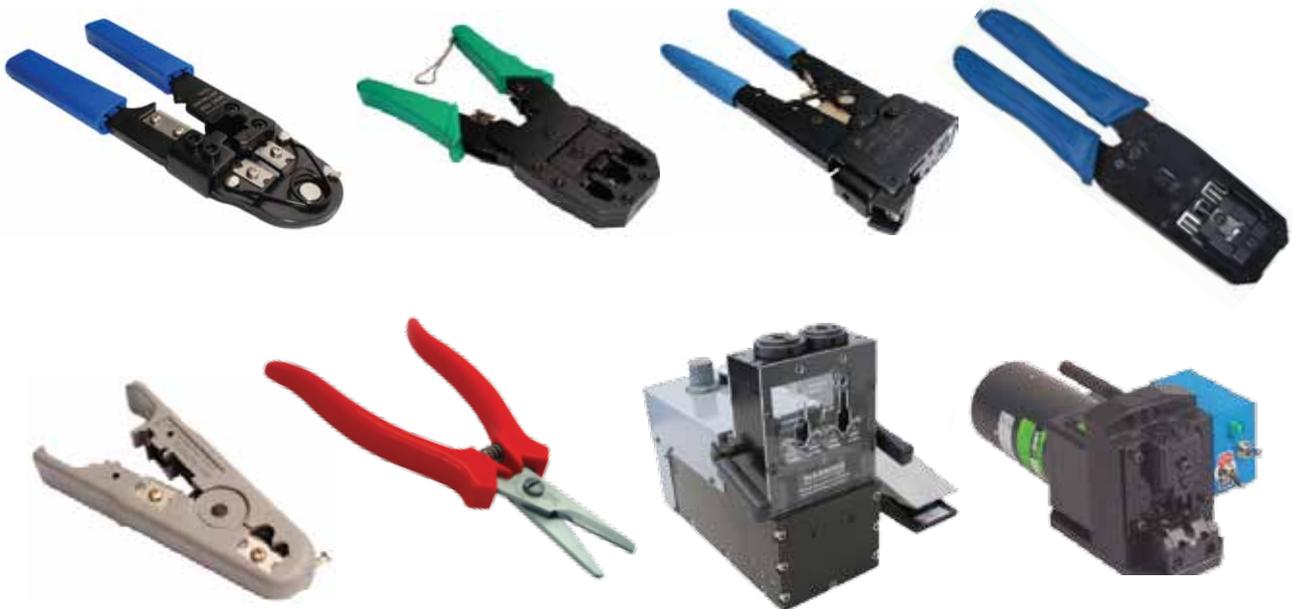


Specification

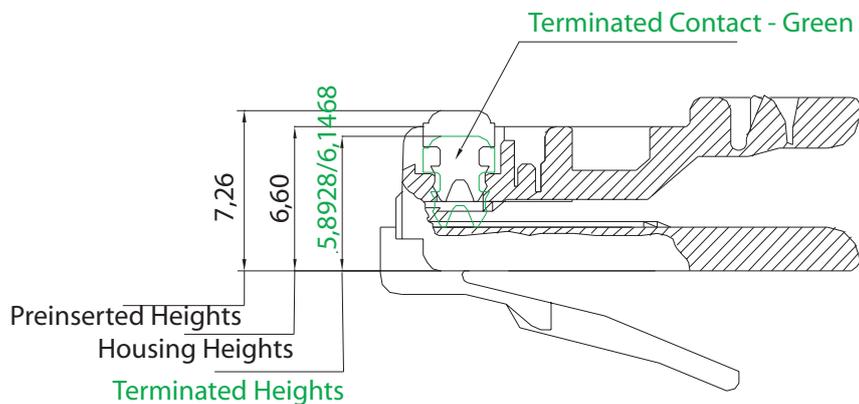


Insulation Resistance	1,000 MΩ
Contact Resistance	10 mΩ
Current/ Voltage	30 V AC/ 42 V DC at 1,5A
Withstanding Voltage	1,000 V AC/ min
Durability	500 ... 2,500 Mating Cycles
Selective Gold Plating	3 μ", 6 μ", 15 μ", 30 μ", 50 μ"
Contact Material	Phosphor Bronze with Gold Plating on Nickel
Housing Material	Polycarbonate UL94 V-0/ V-2
Operation Temperature	-40°C to +70°C
Modular Plug Conforming to ANSI/ TIA-1096-A	

Tooling for Assembly

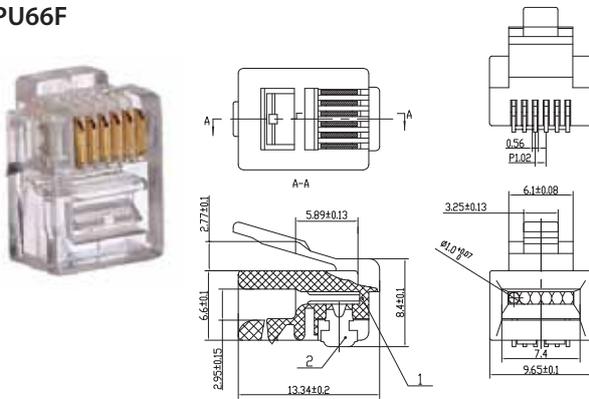


FCC68.5 Crimp Heights

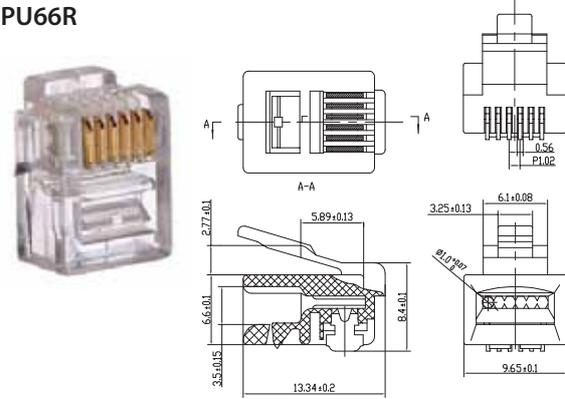


6 Positions Unshielded Plugs

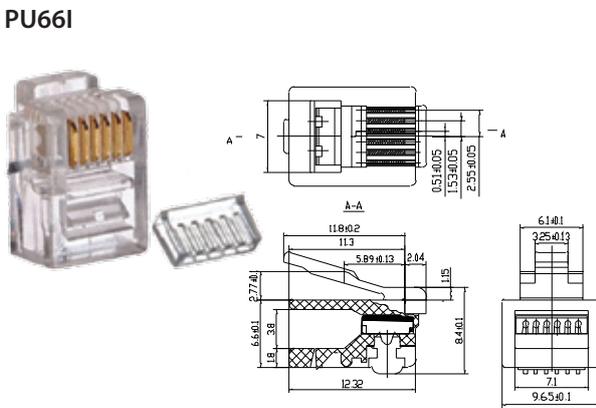
PU66F



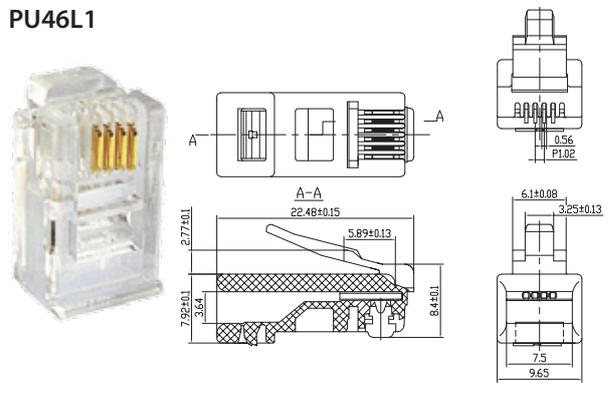
PU66R



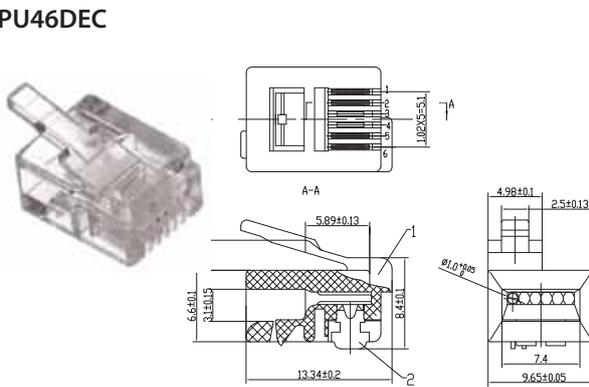
PU66I



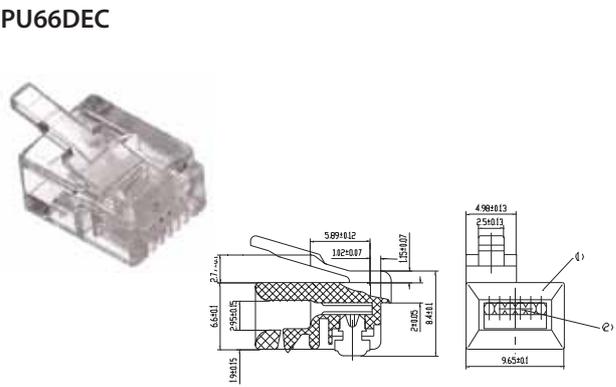
PU46L1



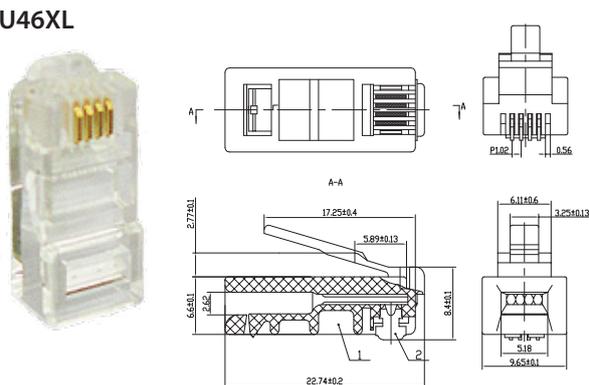
PU46DEC



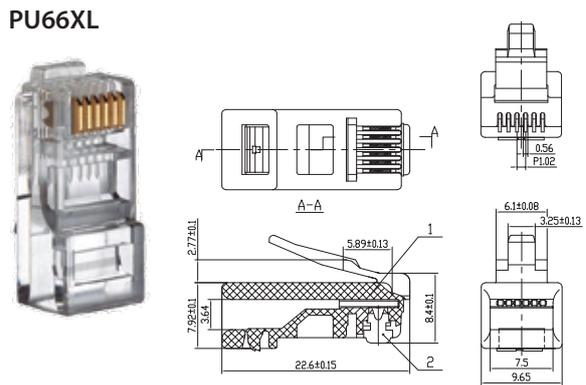
PU66DEC



PU46XL

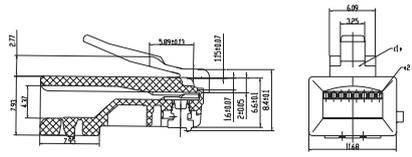


PU66XL



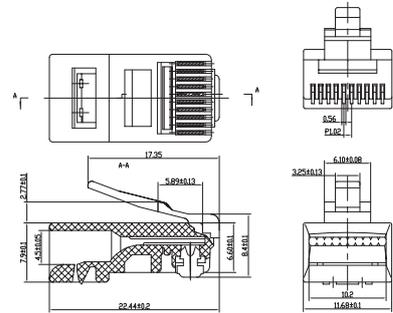
8 Positions Unshielded Plugs

PU88K1



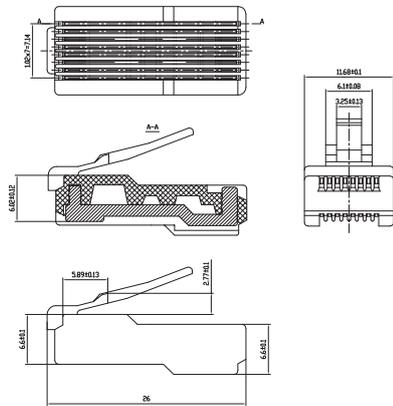
10 Positions Unshielded Plugs

PU00R

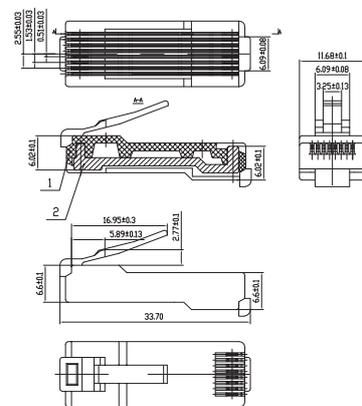


Special Unshielded Plugs

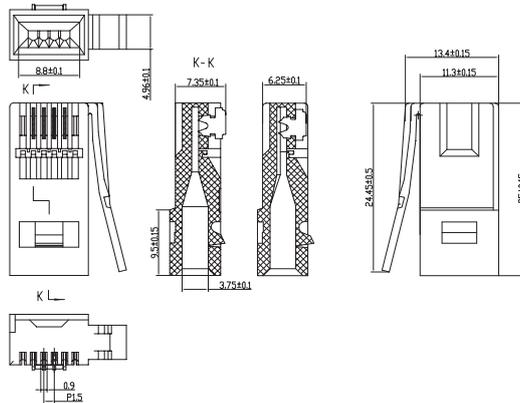
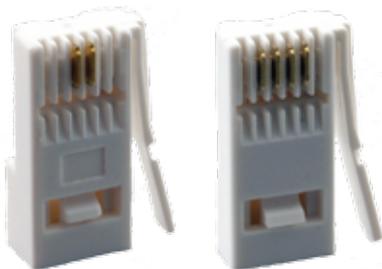
PUCON88S



PUCON88L

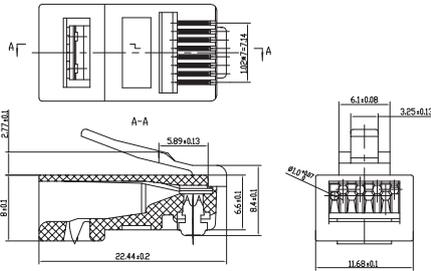


PUX6UK

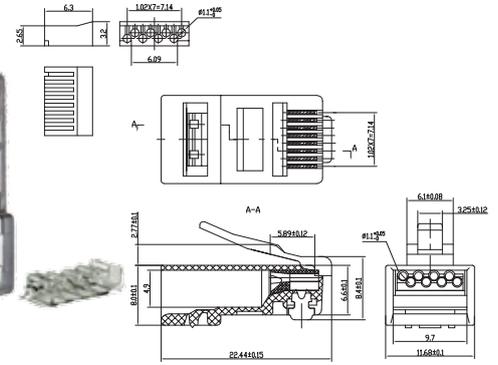


Shielded and Unshielded CAT5e Plugs

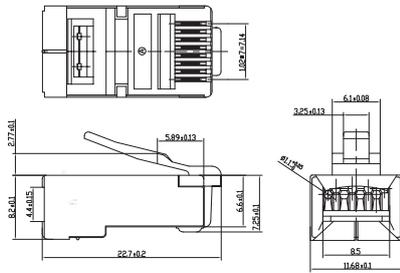
PU88E5



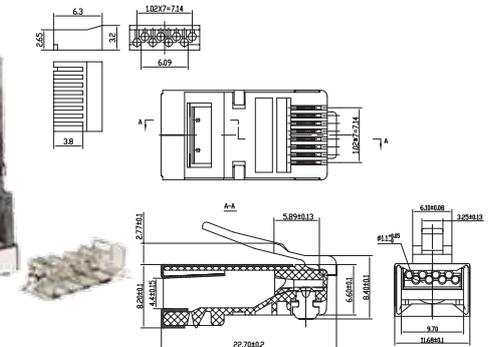
PU88E5I



PS88E5

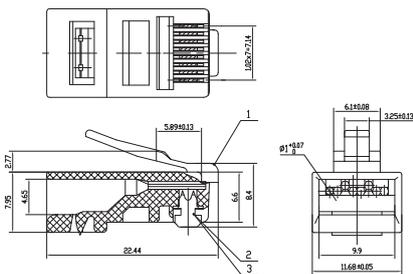


PS88E5I

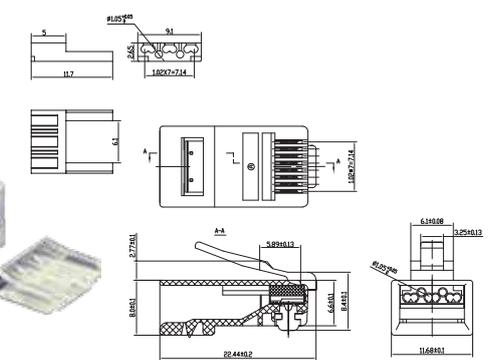


Shielded and Unshielded CAT6 Plugs

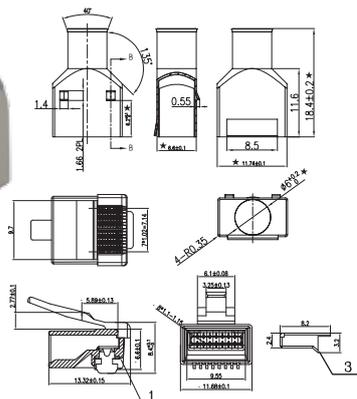
PU88C6



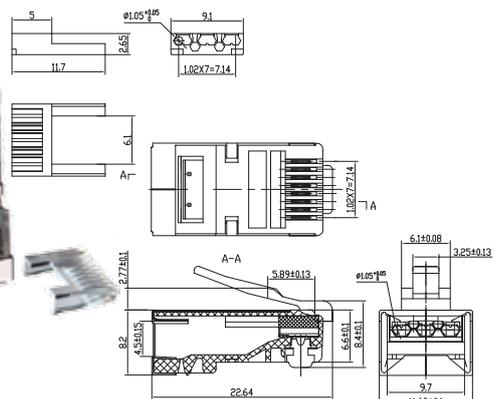
PU88C6I



PS88C6T0

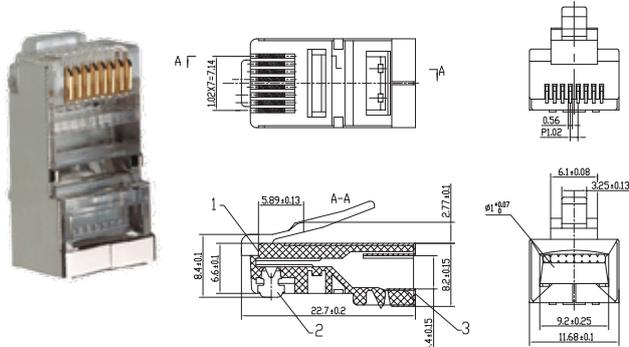


PS88C6I

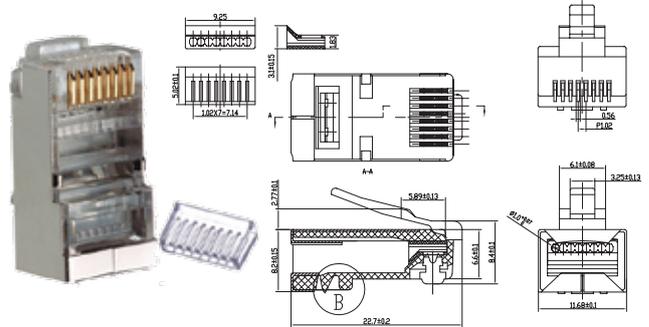


8 Positions Shielded Plugs

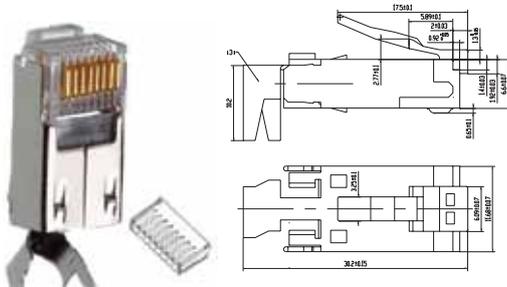
PS88R



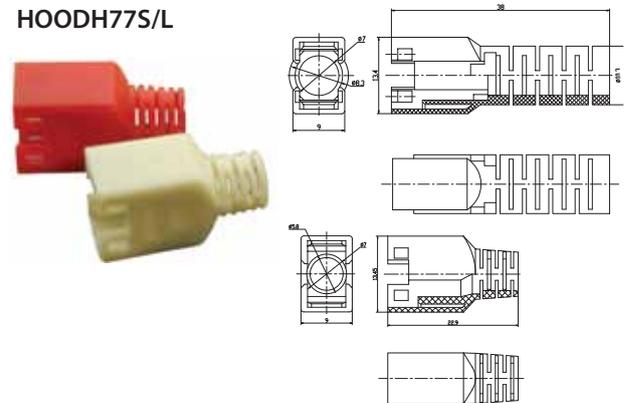
PS88I



PS88H77



HOODH77S/L



10 Positions Shielded Plugs

PS00R

