

TELEPHONE PART

Modular Plugs Series

KLS12-RJ12-6P6C

MATERIAL

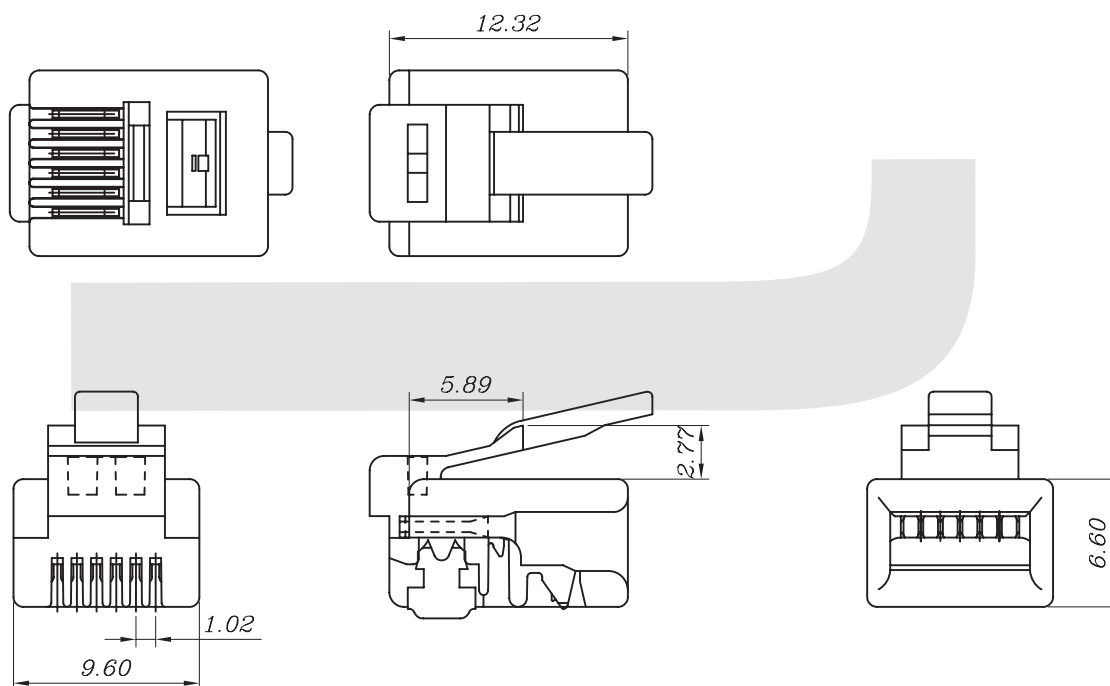
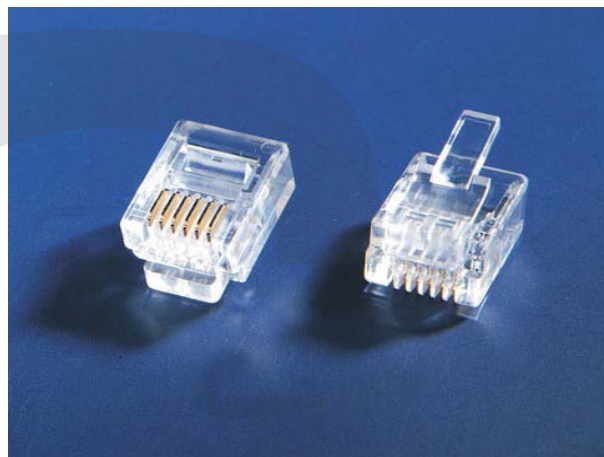
1. Housing :Polycarbonate(pc) UL 94V-0 or UL 94V-2
2. Contact :Phosphor Bronze,Hard Gold plated over nickel
- 3.Shieldinjc:0.25mm Thickness Copper Alloy With Tin plated
- 4.Gold plating:3u inch,6u inch,15u inch,30u inch,50u inch

ELECTRICAL

- 1.Current Rating:1.5 Amps
- 2.Voltage Rating:125 Volts AC
- 3.Insulation Resistance:100 Megohms Min.
- 4.Contact Resistance:39 Millmhos Max.
- 5.Withstanding Voltage:1000VAC RMS 50Hz or 60Hz 1 Min.

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
DURABILITY:750MATING CYCLES MINI
WORKING TEMPERATURE:-40°C ~60°C



ORDER INFORMATION

KLS12-RJ12 - 6P6C XX - X X

Part Number

Point NO.
6P6C Point
6P4C Point
6P2C Point

Gold Thickness
01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u

Gold style
E = 2 forks
Z = 3 forks

Color
Transparent
or other

Modular Plugs Series

KLS12-RJ12B-6P6C

ELECTRICAL :

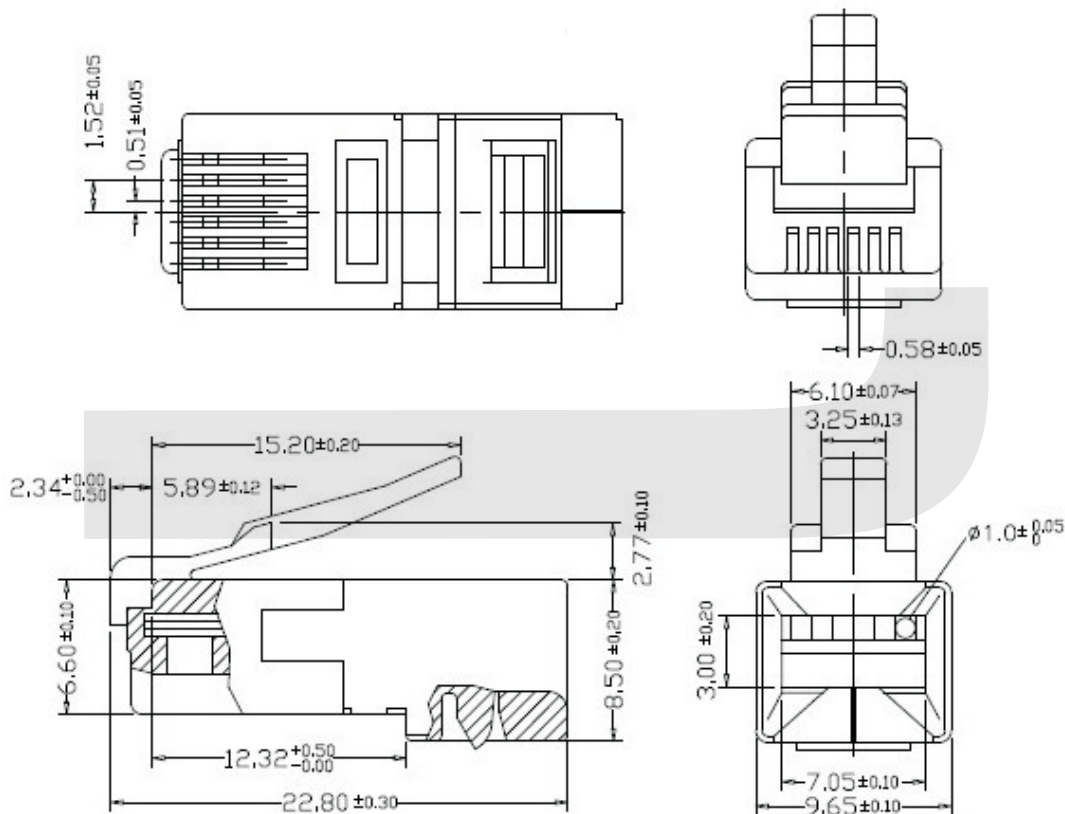
CURRENT RATING:1.5AMPS
 VOLTAGE RATING:125VAC
 WITHSTANDING VOLTAGE:AC1000V RMS 50Hz or 60Hz 1Min
 INSULATION RESISTANCE:100MEGOHMS MIN
 CONTACT RESISTANCE:39MILLMHOS MAX

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
 DURABILITY:750MATING CYCLES MINI

MATERIAL

HOUSING: POLYCARBONATE (PC)UL 94V-0 OR UL 94V-2
 CONTACT: PHOSPHOR BRONZE, HARD GOLD PLATED OVER NICKEL
 SHIELDING: 0.25mm THICKNESS COPPER ALLOY WITH TIN PLATED
 GOLD PLATING: 3u INCH, 6u INCH, 15u INCH, 30u INCH, 50u INCH
 WORKING TEMPERATURE : -40°C ~80°C



ORDER INFORMATION

KLS12-RJ12B - 6P6C XX - X X

Part Number

Point NO.
 6P6C Point
 6P4C Point
 6P2C Point

Gold Thickness
 01-Fu"
 02-3u"
 03-6u"
 04-15u"
 05-30u"
 06-50u"

Gold style
 E = 2 forks
 Z = 3 forks

Color
 Transparent
 or other

TELEPHONE PART

Modular Plugs Series

KLS12-RJ12C-6P6C

MATERIAL

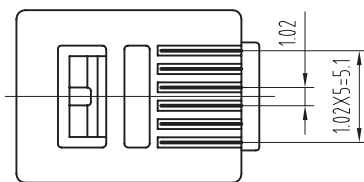
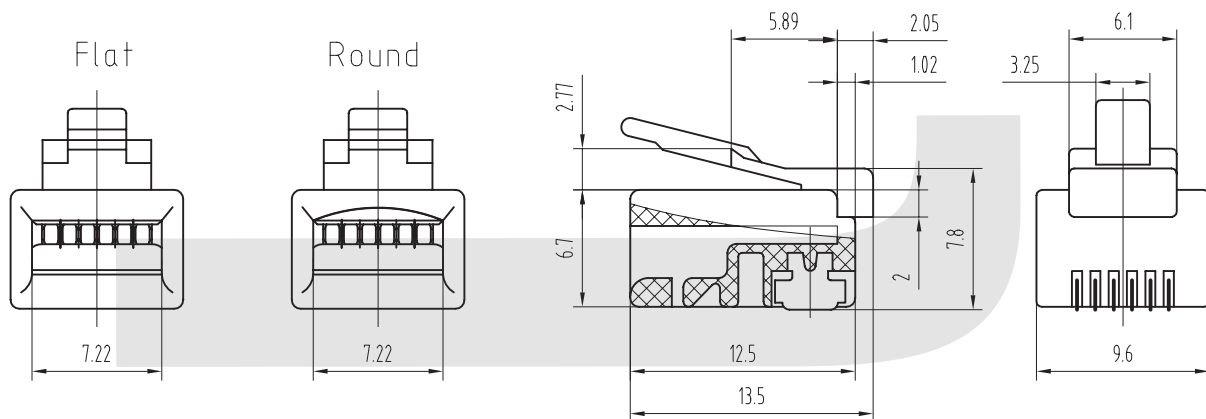
1. Housing :Polycarbonate(pc) UL 94V-0 or UL 94V-2
2. Contact :Phosphor Bronze,Hard Gold plated over nickel
- 3.Shieldingjg:0.25mm Thickness Copper Alloy With Tin plated
- 4.Gold plating:3u inch,6u inch,15u inch,30u inch,50u inch

ELECTRICAL

- 1.Current Rating:1.5 Amps
- 2.Voltage Rating:125 Volts AC
- 3.Insulation Resistance:100 Megohms Min.
- 4.Contact Resistance:39 Millmhos Max.
- 5.Withstanding Voltage:1000VAC RMS 50Hz or 60Hz 1 Min.

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
DURABILITY:750MATING CYCLES MINI
WORKING TEMPERATURE:-40°C ~60°C



BLADE:

Type	A	B	C	D	E
Drawing					

ORDER INFORMATION

KLS12-RJ12C - 6P6C XX - X X X X

Part Number

Point NO.
6P6C Point
6P4C Point
6P2C Point

Gold Thickness
01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u

Blade style
1=A Type
2=B Type
3=C Type
4=D Type
5=E Type

Color
Transparent
or other

Shielded
0=No shielded
1=With shielded

Hatchl
1=Round Hatch
2=Flat Hatch

Modular Plugs Series

KLS12-167-6P6C UK Plugs Series

MATERIAL

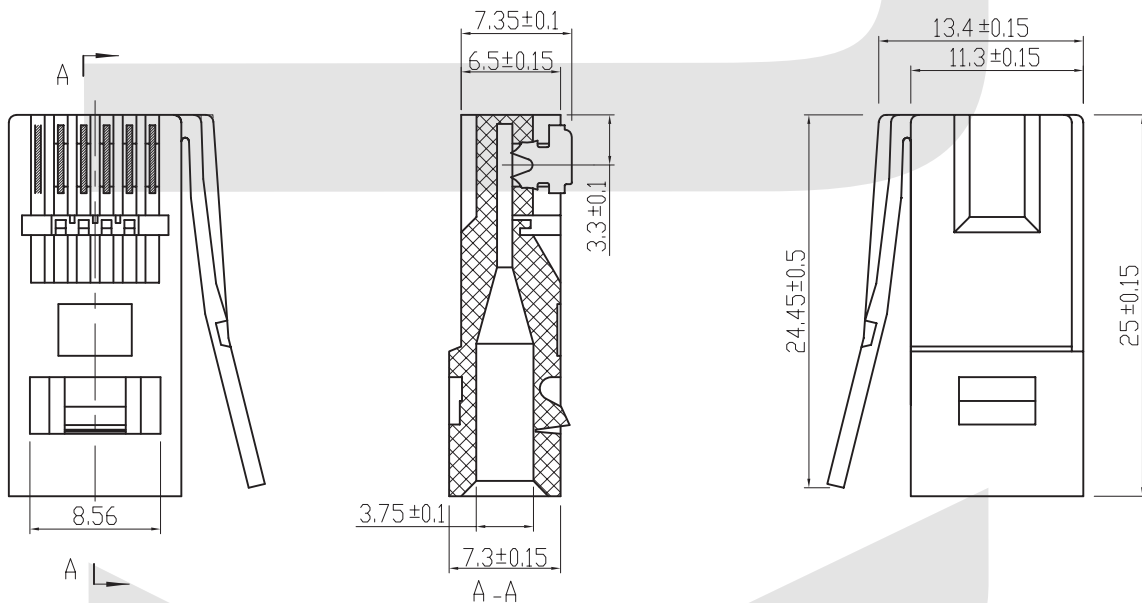
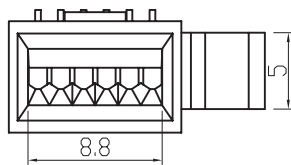
- 1.Housing: PBT UL 94V-0
- 2.Contact: Phosphor Bronze, Hard Gold plated over nickel
- 3.Shieldinng: 0.25mm Thickness Copper Alloy With Tin plated
- 4.Gold plating: 3u, 6u, 15u, 30u, 50u

ELECTRICAL

- 1.Current Rating:1.5 A
- 2.Voltage Rating:125 V AC
- 3.Insulation Resistance:100 MΩ Min.
- 4.Contact Resistance:30MΩ Max.
- 5.Withstanding Voltage:1000VAC RMS 50Hz or 60Hz 1 Min.

MECHANICAL

Cable to plug tensile strength: 7.7Kg Min
Durability: 600Mating cycles Min
Working temperature: -40°C ~ 70°C



ORDER INFORMATION

KLS12-167 -6P6C-01

Series No.

Point NO.
6P6C Point
6P4C Point
6P2C Point

Gold Thickness
01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u"

TELEPHONE PART

Modular Plugs Series

KLS12-RJ46-10P10C

MATERIAL

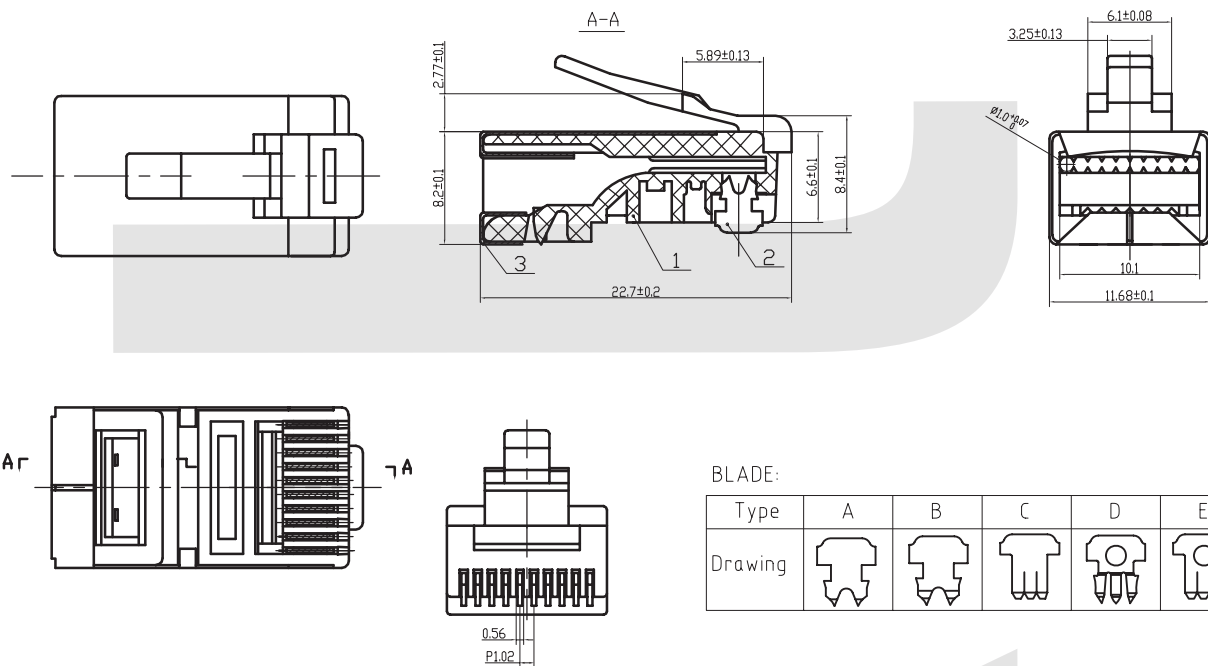
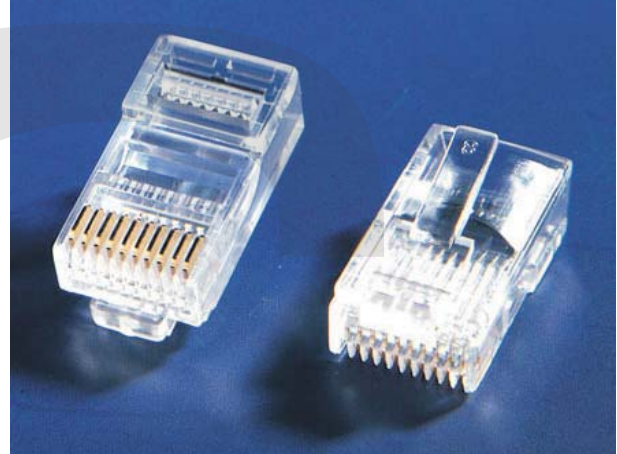
1. Housing :Polycarbonate(pc) UL 94V-0 or UL 94V-2
2. Contact :Phosphor Bronze,Hard Gold plated over nickel
- 3.Shieldinjc:0.25mm Thickness Copper Alloy With Tin plated
- 4.Gold plating:3u inch,6u inch,15u inch,30u inch,50u inch

ELECTRICAL

- 1.Current Rating:1.5 Amps
- 2.Voltage Rating:125 Volts AC
- 3.Insulation Resistance:100 Megohms Min.
- 4.Contact Resistance:39 Millmhos Max.
- 5.Withstanding Voltage:1000VAC RMS 50Hz or 60Hz 1 Min.

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
DURABILITY:750MATING CYCLES MINI
WORKING TEMPERATURE:-40°C ~60°C



BLADE:

Type	A	B	C	D	E
Drawing					

ORDER INFORMATION

KLS12-RJ46- 10P10C XX - X X X X

Part Number

Point NO.	Gold Thickness	Blade style	Color	Shielded	Shell
10P10C Point 10P8C Point 10P6C Point 10P4C Point	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	1=A Type 2=B Type 3=C Type 4=D Type 5=E Type	Transparent or other	0=No shielded 1=With shielded	1=Steel 2=Copper shell

TELEPHONE PART

Modular Plugs Series

KLS12-RJ45C-8P8C

MATERIAL

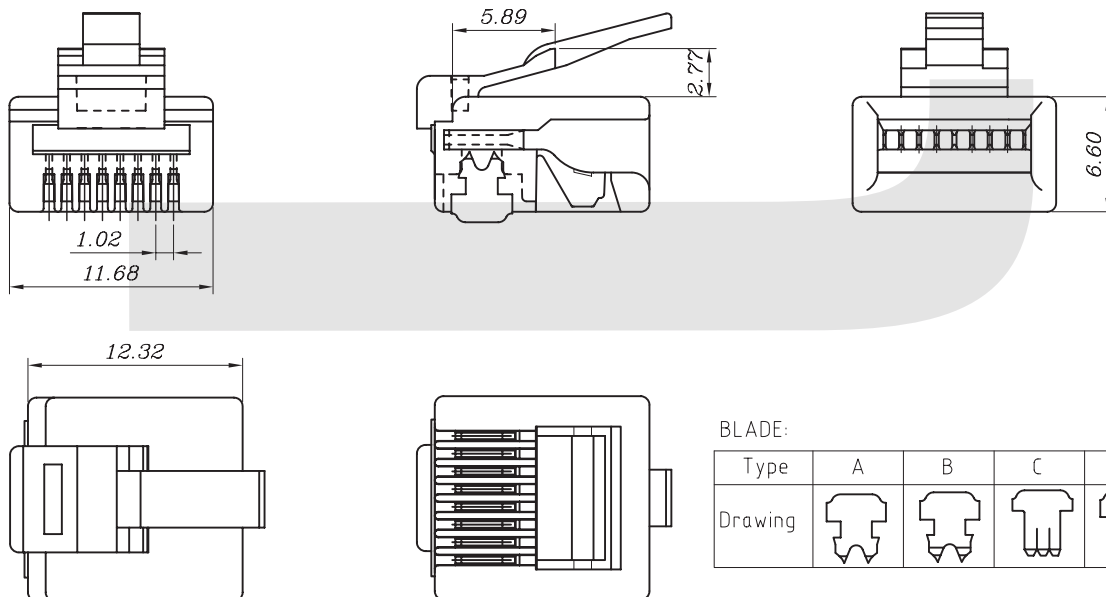
1. Housing :Polycarbonate(pc) UL 94V-0 or UL 94V-2
2. Contact :Phosphor Bronze,Hard Gold plated over nickel
- 3.Shieldinjc:0.25mm Thickness Copper Alloy With Tin plated
- 4.Gold plating:3u inch,6u inch,15u inch,30u inch,50u inch

ELECTRICAL

- 1.Current Rating:1.5 Amps
- 2.Voltage Rating:125 Volts AC
- 3.Insulation Resistance:100 Megohms Min.
- 4.Contact Resistance:39 Millmhos Max.
- 5.Withstanding Voltage:1000VAC RMS 50Hz or 60Hz 1 Min.

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
DURABILITY:750MATING CYCLES MINI
WORKING TEMPERATURE:-40°C ~60°C



BLADE:

Type	A	B	C	D	E
Drawing					

ORDER INFORMATION

KLS12-RJ45C - 8P8C XX - X X X X

Part Number

Point NO.	Gold Thickness	Blade style	Color	Shielded	Hatchl
8P8C Point	01-Fu"	1=A Type	Transparent	0=No shielded	1=Round Hatch
8P6C Point	02-3u"	2=B Type	or other	1=With shielded	2=Flat Hatch
8P4C Point	03-6u"	3=C Type			
8P2C Point	04-15u"	4=D Type			
	05-30u"	5=E Type			
	06-50u"				

Modular Plugs Series

KLS12-RJ11B-4P4C

ELECTRICAL :

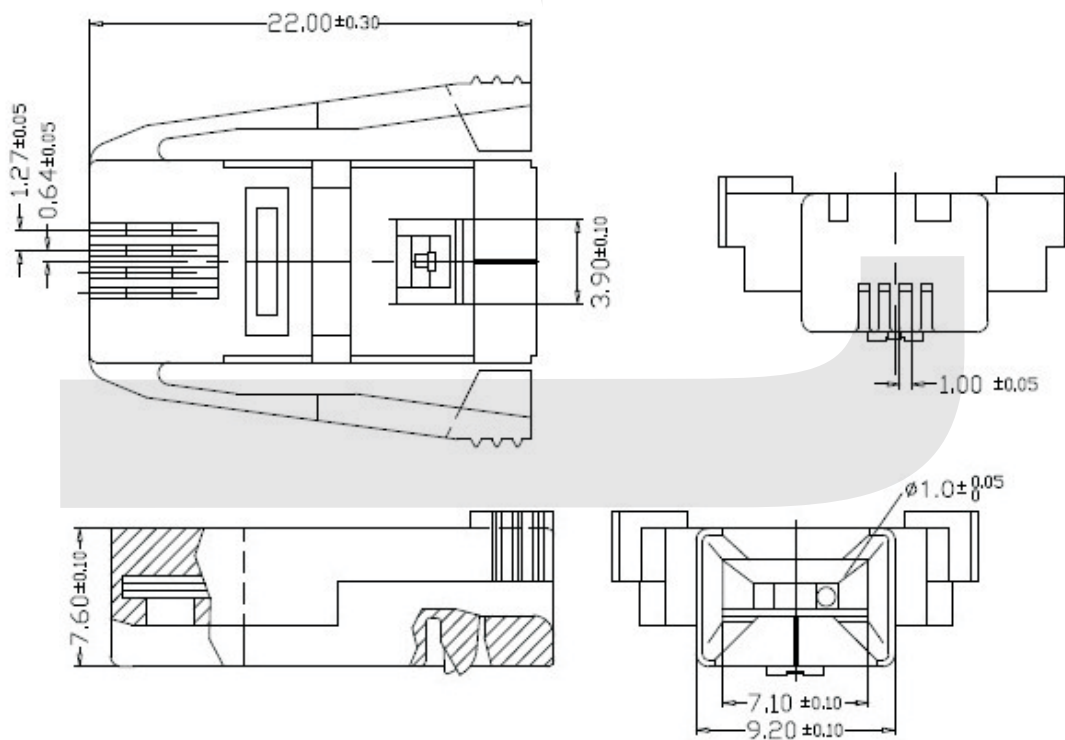
CURRENT RATING:1.5AMPS
VOLTAGE RATING:125VAC
WITHSTANDING VOLTAGE:AC1000V RMS 50Hz or 60Hz 1Min
INSULATION RESISTANCE:100MEGOHMS MIN
CONTACT RESISTANCE:39MILLMHOS MAX

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
DURABILITY:750MATING CYCLES MINI

MATERIAL

HOUSING: POLYCARBONATE (PC)UL 94V-0 OR UL 94V-2
CONTACT: PHOSPHOR BRONZE, HARD GOLD PLATED OVER NICKEL
SHIELDING:0.25mm THICKNESS COPPER ALLOY WITH TIN PLATED
GOLD PLATING:3u INCH,6u INCH,15u INCH,30u INCH,50u INCH
WORKING TEMPERATURE : -40°C ~80°C



ORDER INFORMATION

KLS12-RJ11B - 4P4C XX - X X

Part Number

Point NO.
4P4C Point
4P2C Point

Gold Thickness
01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u"

Gold style
E = 2 forks
Z = 3 forks

Color
Transparent
or other

TELEPHONE PART

Modular Plugs Series

KLS12-RJ45-8P8C

MATERIAL

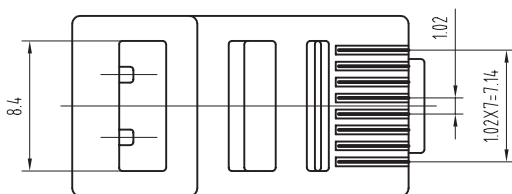
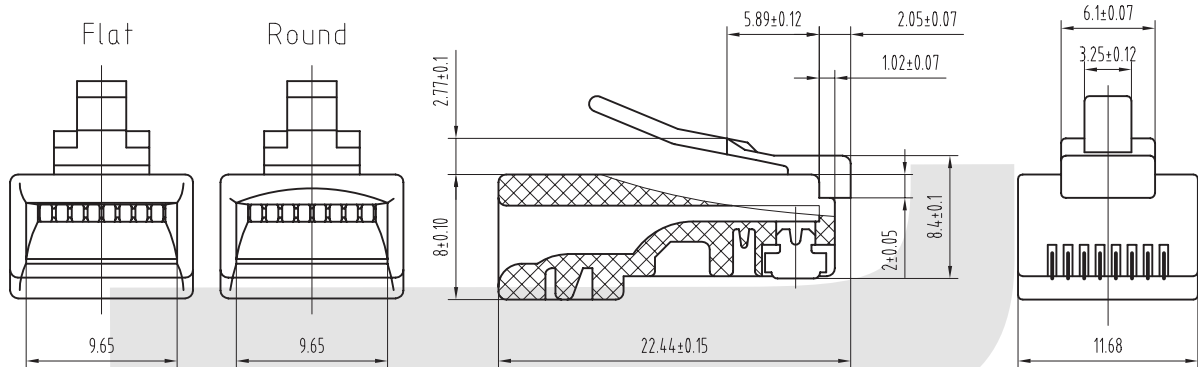
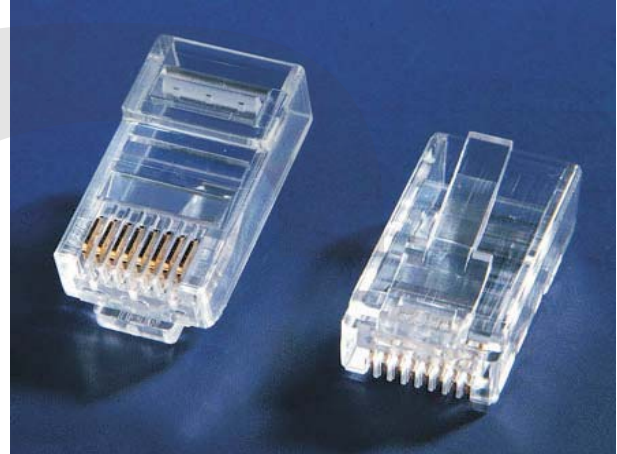
1. Housing :Polycarbonate(pc) UL 94V-0 or UL 94V-2
2. Contact :Phosphor Bronze,Hard Gold plated over nickel
- 3.Shieldinjc:0.25mm Thickness Copper Alloy With Tin plated
4. Gold plating:3u inch,6u inch,15u inch,30u inch,50u inch

ELECTRICAL

- 1.Current Rating:1.5 Amps
- 2.Voltage Rating:125 Volts AC
- 3.Insulation Resistance:100 Megohms Min.
- 4.Contact Resistance:39 Millmhos Max.
- 5.Withstanding Voltage:1000VAC RMS 50Hz or 60Hz 1 Min.

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
DURABILITY:750MATING CYCLES MINI
WORKING TEMPERATURE:-40°C ~60°C



BLADE:

Type	A	B	C	D	E
Drawing					

ORDER INFORMATION

KLS12-RJ45 - 8P8C XX - X X X X

Part Number

Point NO.
8P8C Point
8P6C Point
8P4C Point
8P2C Point

Gold Thickness
01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u

Blade style
1=A Type
2=B Type
3=C Type
4=D Type
5=E Type

Color
Transparent
or other

Shielded
0=No shielded
1=With shielded

Hatch
1=Round Hatch
2=Flat Hatch

TELEPHONE PART

Modular Plugs Series

KLS12-RJ45B-8P8C

MATERIAL

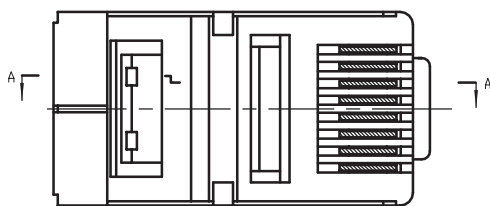
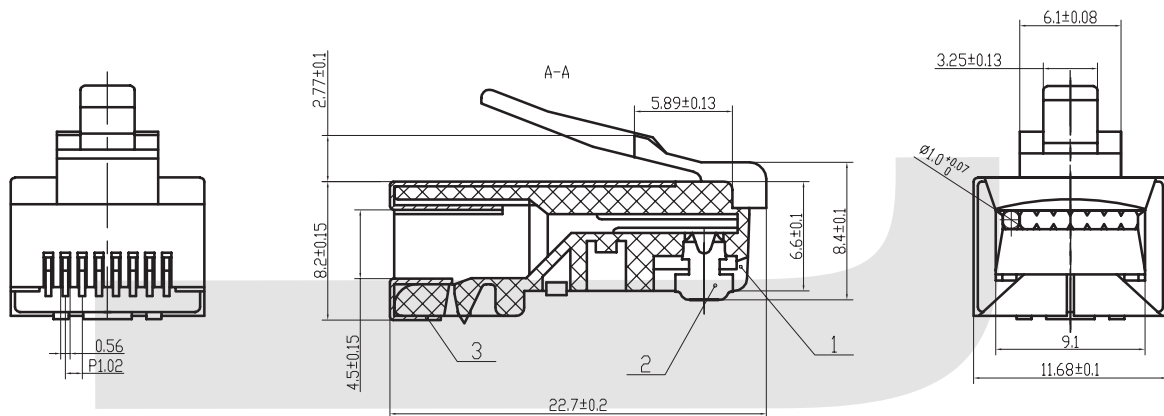
1. Housing :Polycarbonate(pc) UL 94V-0 or UL 94V-2
2. Contact :Phosphor Bronze,Hard Gold plated over nickel
- 3.Shieldinjc:0.25mm Thickness Copper Alloy With Tin plated
- 4.Gold plating:3u inch,6u inch,15u inch,30u inch,50u inch

ELECTRICAL

- 1.Current Rating:1.5 Amps
- 2.Voltage Rating:125 Volts AC
- 3.Insulation Resistance:100 Megohms Min.
- 4.Contact Resistance:39 Millmhos Max.
- 5.Withstanding Voltage:1000VAC RMS 50Hz or 60Hz 1 Min.

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
DURABILITY:750MATING CYCLES MINI
WORKING TEMPERATURE:-40°C ~60°C



BLADE:

Type	A	B	C	D	E
Drawing					

ORDER INFORMATION

KLS12-RJ45B- 8P8C XX - X X X X

Part Number

Point NO.
8P8C Point
8P6C Point
8P4C Point
8P2C Point

Gold Thickness
01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u

Blade style
1=A Type
2=B Type
3=C Type
4=D Type
5=E Type

Color
Transparent
or other

Shielded
0=No shielded
1=With shielded

Shell
1=Steel
2=Copper shell

Modular Plugs Series

KLS12-RJ46B-10P10C

ELECTRICAL :

1. VOLTAGE RATING: 125 VAC RMS.
2. CURRENT RATING : 1.5 AMP
3. CONTACT RESISTANCE : 30 MILLIOHMS MAX.
4. INSULATION RESISTANCE : 500 MEGOHMS MIN @500 VDC
5. DIELECTRIC WITHSTANDING RESISTANCE : 1000 VAC RMS.
50Hz 1 MINUTE

MECHANICAL

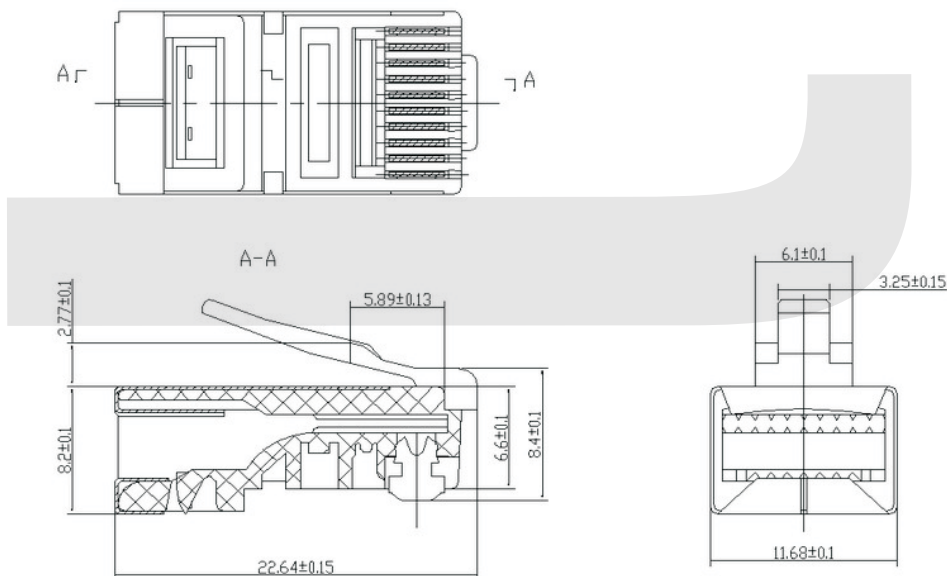
1. DURABILITY : 750 CYCLES MIN
2. PCB RETENTION PRE-SOLDER : 1 LB MIN

MATERIAL

1. HOUSING MATERIAL : GLASS FILLED PLYESTER
UL94V-0ABS, PBT, NYLON
2. HOUSING COLOR : BLACK, GRAY, IVORY, WHITE OR OTHERS
3. CONTACT MATERIAL : PHOSPHOR BRONZE $\phi 0.46\text{mm}$
4. PLATING : GOLD PLATING OVER NICKEL.GOLD PLATING
THICKNESS 1.5u"/3u"/6u"/15u"/30u"/50u"
5. SHIELD : 0.23 THICKNESS BRASS WITH NICKEL PLATED

ENVIRONMENTAL

1. STORAGE : -40°C~80°C



ORDER INFORMATION

KLS12-RJ46B- 10P10C XX - X X X X

Part Number

Point NO.

10P10C Point
10P8C Point
10P6C Point
10P4C Point

Gold Thickness

01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u"

Blade style

1=A Type
2=B Type
3=C Type
4=D Type
5=E Type

Color

Transparent
or other

Shielded

0=No shielded
1=Withshielded

Shell

1=Steel
2=Copper shell

TELEPHONE PART

Modular Plugs Series

KLS12-RJ11-4P4C

MATERIAL

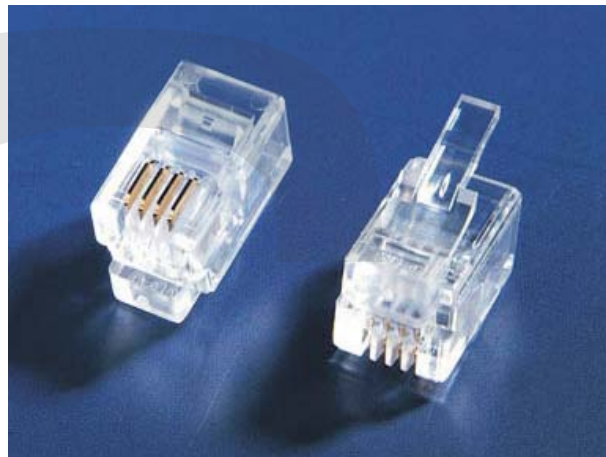
1. Housing :Polycarbonate(pc) UL 94V-0 or UL 94V-2
2. Contact :Phosphor Bronze,Hard Gold plated over nickel
- 3.Shieldinjc:0.25mm Thickness Copper Alloy With Tin plated
- 4.Gold plating:3u inch,6u inch,15u inch,30u inch,50u inch

ELECTRICAL

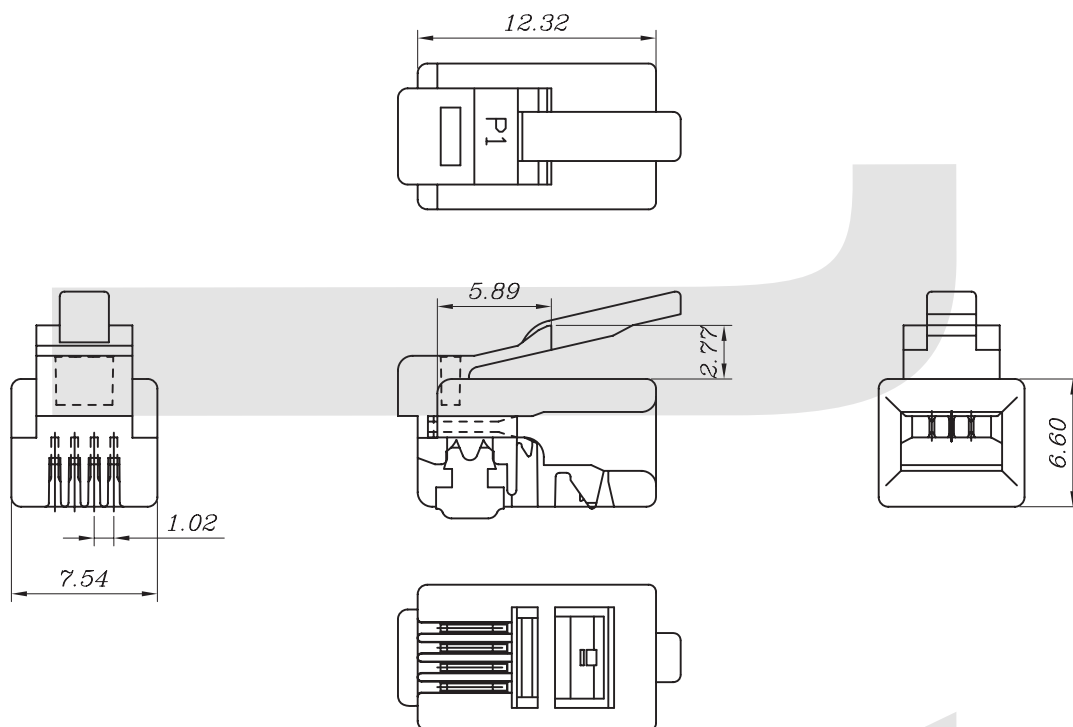
- 1.Current Rating:1.5 Amps
- 2.Voltage Rating:125 Volts AC
- 3.Insulation Resistance:100 Megohms Min.
- 4.Contact Resistance:39 Millmhos Max.
- 5.Withstanding Voltage:1000VAC RMS 50Hz or 60Hz 1 Min.

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
DURABILITY:750MATING CYCLES MINI
WORKING TEMPERATURE:-40°C ~60°C



XII



ORDER INFORMATION

KLS12-RJ11 - 4P4C XX - X X

Part Number

Point NO.
4P4C Point
4P2C Point

Gold Thickness
01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u

Gold style
E = 2 forks
Z = 3 forks

Color
Transparent
or other

TELEPHONE PART

Modular Plugs Series

KLS12-MP01-CAT6-8P8C

MATERIAL

1. Housing :Polycarbonate(pc) UL 94V-0 or UL 94V-2
2. Contact :Phosphor Bronze,Hard Gold plated over nickel
- 3.Shieldinjc:0.25mm Thickness Copper Alloy With Tin plated
- 4.Gold plating:3u inch,6u inch,15u inch,30u inch,50u inch

ELECTRICAL

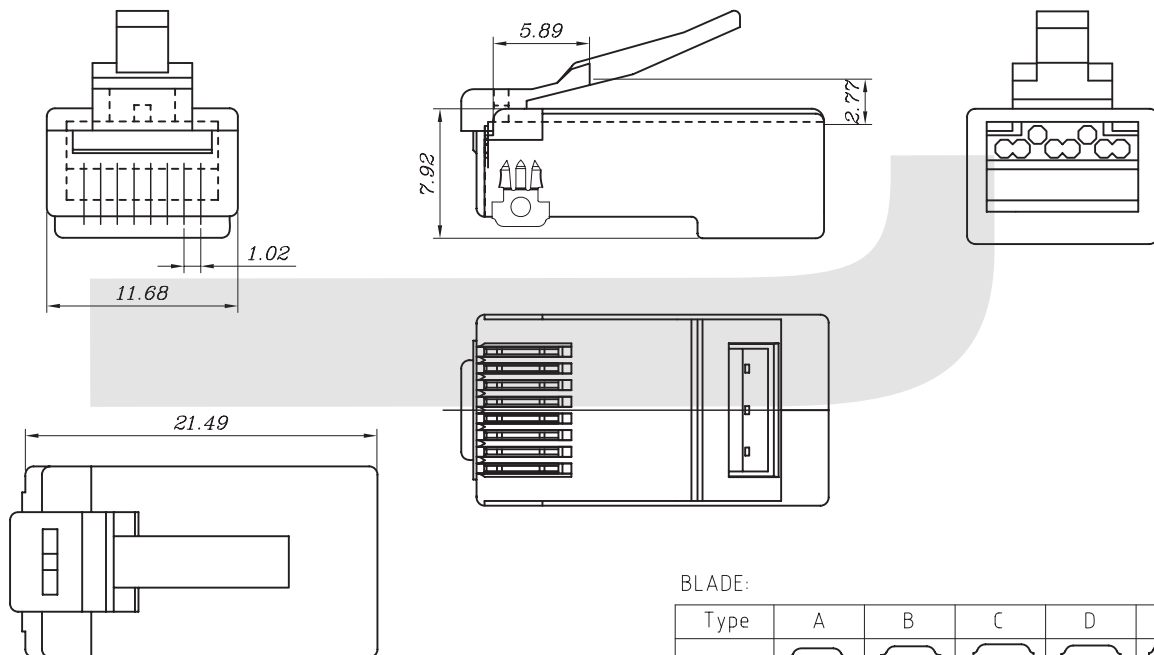
- 1.Current Rating:1.5 Amps
- 2.Voltage Rating:125 Volts AC
- 3.Insulation Resistance:100 Megohms Min.
- 4.Contact Resistance:39 Millmhos Max.
- 5.Withstanding Voltage:1000VAC RMS 50Hz or 60Hz 1 Min.

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
DURABILITY:750MATING CYCLES MINI
WORKING TEMPERATURE:-40°C ~60°C



XII



BLADE:

Type	A	B	C	D	E
Drawing					

ORDER INFORMATION

KLS12-MP01-CAT6 - 8P8C XX - X X X X

Part Number

Point NO.
8P8C Point
8P6C Point
8P4C Point
8P2C Point

Gold Thickness
01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u

Blade style
1=A Type
2=B Type
3=C Type
4=D Type
5=E Type

Color
Transparent
or other

Shielded
0=No shielded
1=With shielded

Hatchl
1=Round Hatch
2=Flat Hatch

TELEPHONE PART

KLSelectronic
www.cnkls.com

Modular Plugs Series

KLS12-MP02-CAT6-8P8C

MATERIAL

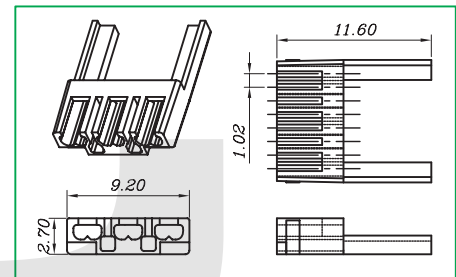
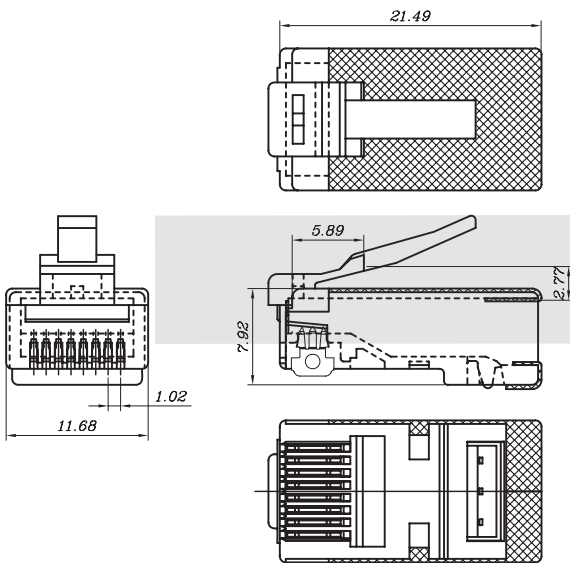
1. Housing :Polycarbonate(pc) UL 94V-0 or UL 94V-2
2. Contact :Phosphor Bronze,Hard Gold plated over nickel
- 3.Shieldinjc:0.25mm Thickness Copper Alloy With Tin plated
- 4.Gold plating:3u inch,6u inch,15u inch,30u inch,50u inch

ELECTRICAL

- 1.Current Rating:1.5 Amps
- 2.Voltage Rating:125 Volts AC
- 3.Insulation Resistance:100 Megohms Min.
- 4.Contact Resistance:39 Millmhos Max.
- 5.Withstanding Voltage:1000VAC RMS 50Hz or 60Hz 1 Min.

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
DURABILITY:750MATING CYCLES MINI
WORKING TEMPERATURE:-40°C ~60°C



BLADE:

Type	A	B	C	D	E
Drawing					

ORDER INFORMATION

KLS12-MP02-CAT6 - 8P8C XX - X X X X

Part Number

Point NO.
8P8C Point
8P6C Point
8P4C Point
8P2C Point

Gold Thickness
01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u"

Blade style
1=A Type
2=B Type
3=C Type
4=D Type
5=E Type

Color
Transparent
or other

Shielded
0=No shielded
1=With shielded

Shell
1=Steel
2=Copper Shell

TELEPHONE PART

KLSelectronic
www.cnkls.com

Modular Plugs Series

KLS12-MP03-CAT6-8P8C

MATERIAL

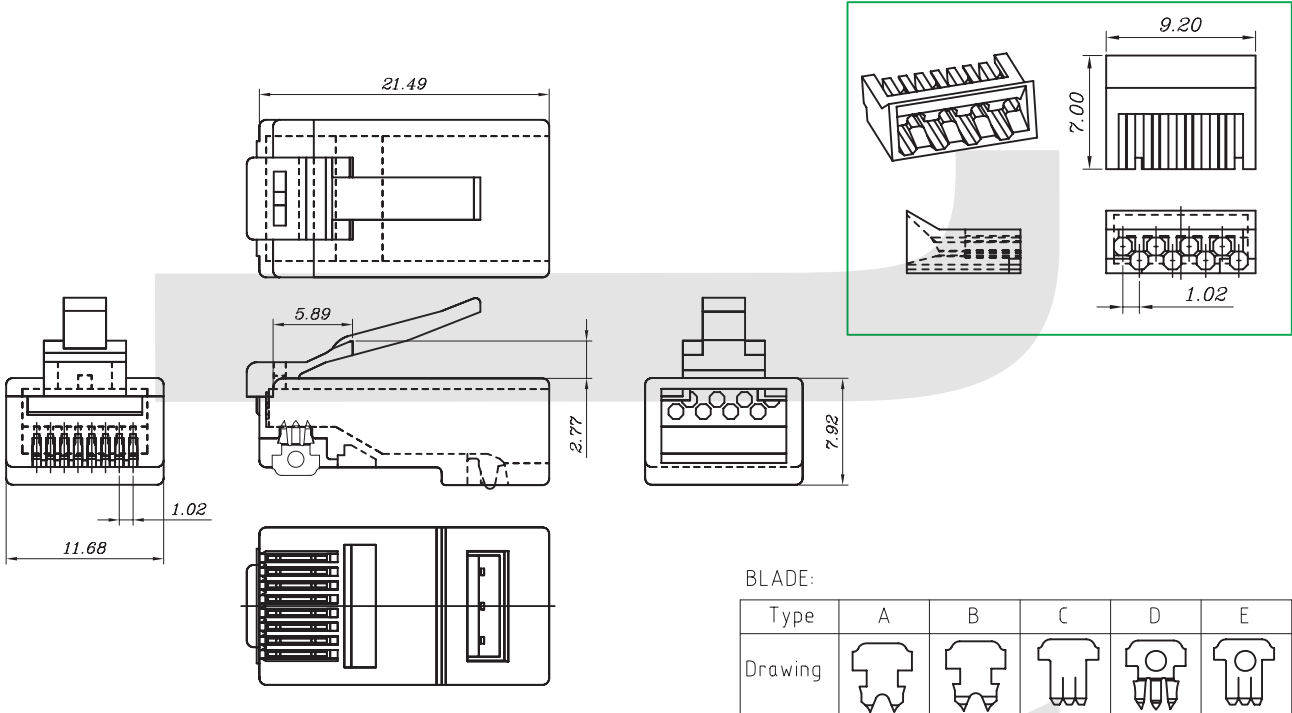
1. Housing :Polycarbonate(pc) UL 94V-0 or UL 94V-2
2. Contact :Phosphor Bronze,Hard Gold plated over nickel
- 3.Shieldinjc:0.25mm Thickness Copper Alloy With Tin plated
- 4.Gold plating:3u inch,6u inch,15u inch,30u inch,50u inch

ELECTRICAL

- 1.Current Rating:1.5 Amps
- 2.Voltage Rating:125 Volts AC
- 3.Insulation Resistance:100 Megohms Min.
- 4.Contact Resistance:39 Millmhos Max.
- 5.Withstanding Voltage:1000VAC RMS 50Hz or 60Hz 1 Min.

MECHANICAL

CABLE TO PLUG TENSILE STRENGTH:7.7Kg MINI
DURABILITY:750MATING CYCLES MINI
WORKING TEMPERATURE:-40°C ~60°C



ORDER INFORMATION

KLS12-MP03-CAT6 - 8P8C XX - X X X X

Part Number

Point NO.
8P8C Point
8P6C Point
8P4C Point
8P2C Point

Gold Thickness
01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u

Blade style
1=A Type
2=B Type
3=C Type
4=D Type
5=E Type

Color
Transparent
or other

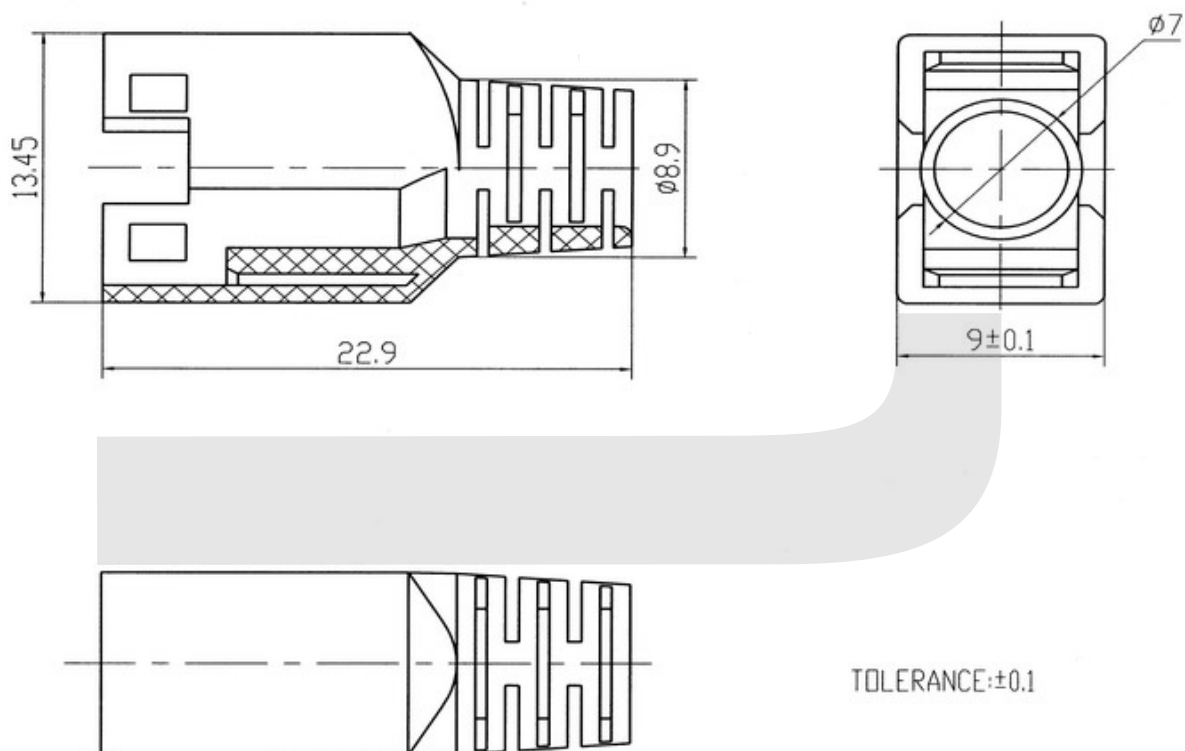
Shielded
0=No shielded
1=With shielded

Shell
1=Steel
2=Copper Shell

Modular Plugs Series

KLS12-RJ45-V

MATERIAL: ABS



ORDER INFORMATION

KLS12-RJ45-V-4

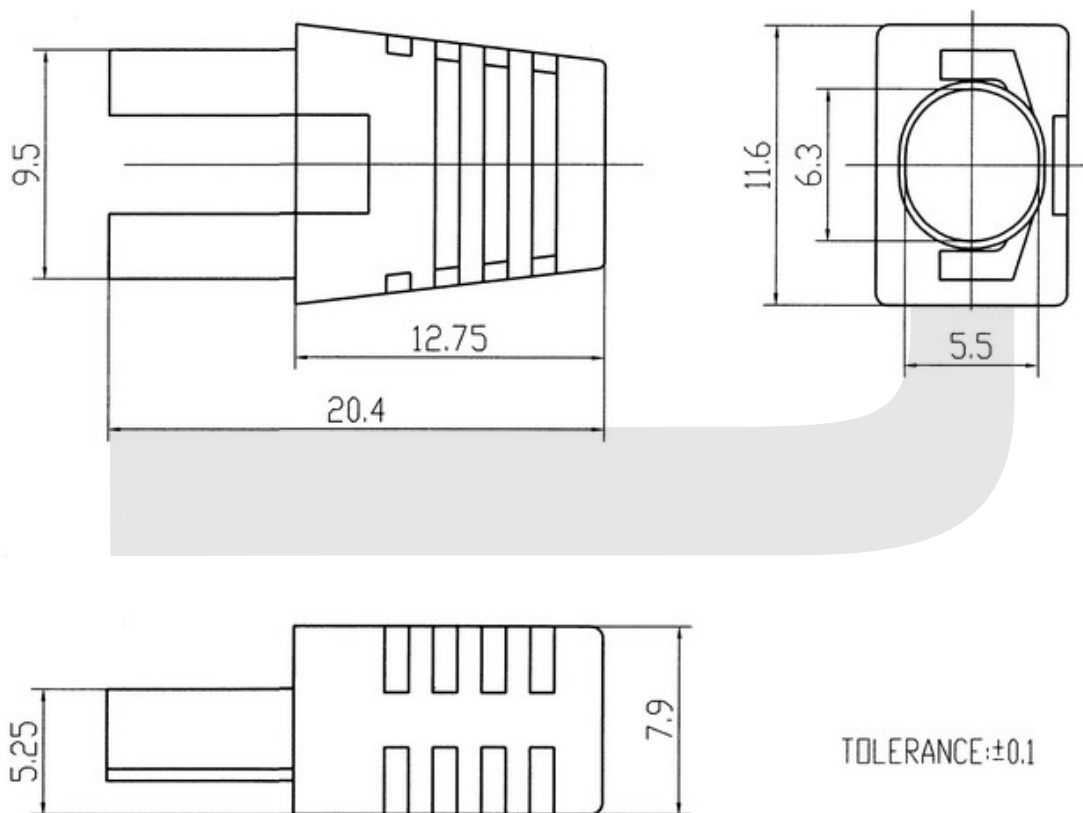
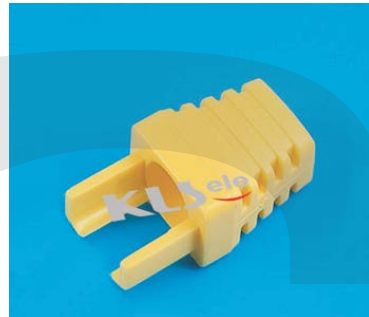
Series No.

Color.	
1.	Green
2.	Red
3.	Yellow
4.	Blue
5.	Gray

Modular Plugs Series

KLS12-RJ45-N

MATERIAL: ABS+PVC



ORDER INFORMATION

KLS12-RJ45-N-3

Series No.

Color.	
1.	Green
2.	Red
3.	Yellow
4.	Blue
5.	Gray

Modular Plugs Series

KLS12-RJ45-M

MATERIAL: PVC

XII



ORDER INFORMATION

KLS12-RJ45-M-2

Series No.

Color.	
1.	Green
2.	Red
3.	Yellow
4.	Blue
5.	Gray

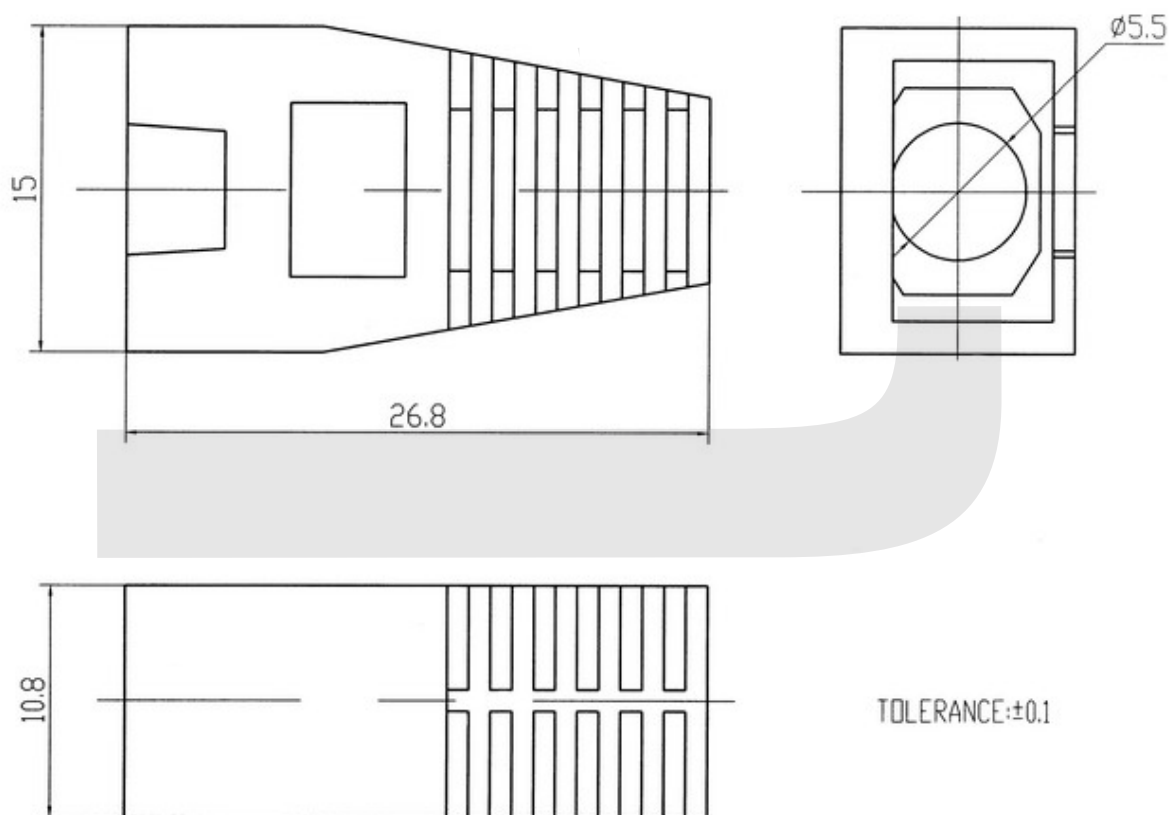
Modular Plugs Series

KLS12-RJ45-B

MATERIAL: PVC



XII



ORDER INFORMATION

KLS12-RJ45-B-4

Series No.

Color.	
1.	Green
2.	Red
3.	Yellow
4.	Blue
5.	Gray

Modular Plugs Series

KLS12-MP04-CAT6-8P8C

XII

MATERIAL:

1. HOUSING MATERIAL : GLASS FILLED POLYESTER
UL94V-0ABS, PBT, NYLON
2. HOUSING COLOR : BLACK, GRAY, IVORY, WHITE
OR OTHERS
3. CONTACT MATERIAL : PHOSPHOR BRONZE $\phi 0.46\text{mm}$
4. PLATING : GOLD PLATING OVER NICKEL. GOLD
PLATING THICKNESS 1.5u"/3u"/6u"/15u"/30u"/50u"
5. SHIELD : 0.23 THICKNESS BRASS WITH NICKEL PLATED

ELECTRICAL:

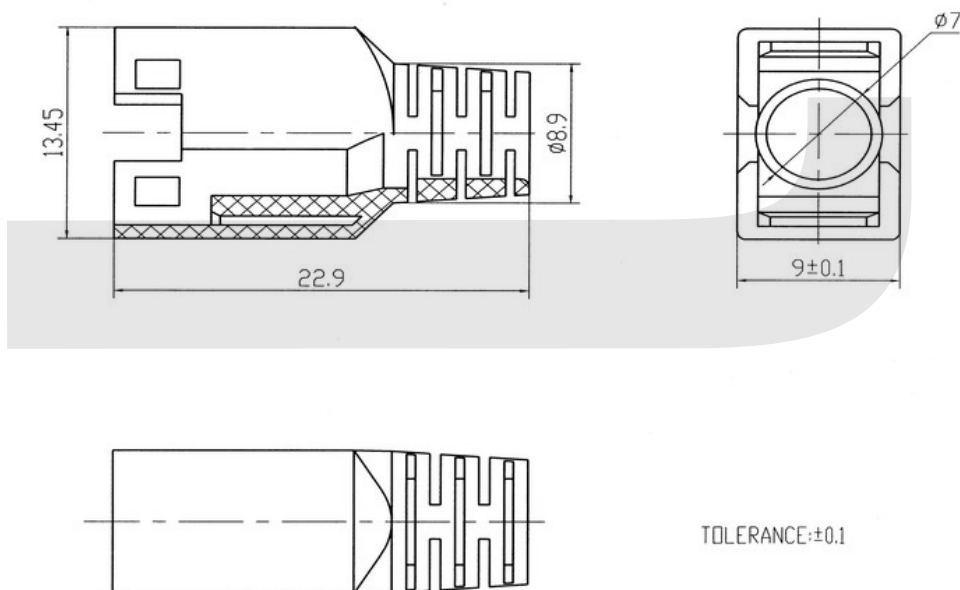
1. VOLTAGE RATING: 125 VAC RMS.
2. CURRENT RATING : 1.5 AMP
3. CONTACT RESISTANCE : 30 MILLIOHMS MAX.
4. INSULATION RESISTANCE : 500 MEGOHMS MIN @500 VDC
5. DIELECTRIC WITHSTANDING RESISTANCE : 1000 VAC RMS.
50Hz 1MINUTE

MECHANICAL:

1. DURABILITY : 750 CYCLES MIN
2. PCB RETENTION PRE-SOLDER : 1 LB MIN

ENVIRONMENTAL:

1. STORAGE :-40°C~80°C



ORDER INFORMATION

KLS12-MP04-CAT6-8P8C XX -X X X X

Part Number

Point NO.	Gold Thickness	Blade style	Color	Shielded	Shell
8P8C Point	01-Fu"	1=A Type	Transparent	0=No shielded	1=Steel
8P6C Point	02-3u"	2=B Type	or other	1=With shielded	2=Copper Shell
8P4C Point	03-6u"	3=C Type			
8P2C Point	04-15u"	4=D Type			
	05-30u"	5=E Type			
	06-50u"				

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information