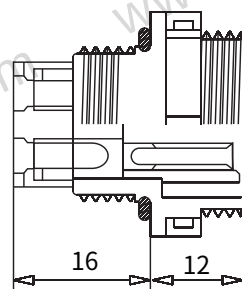
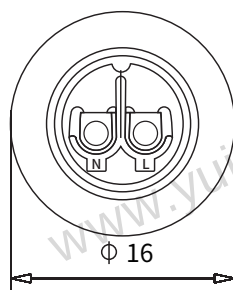
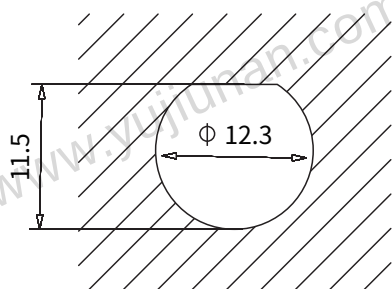


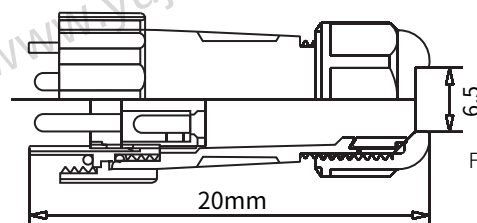
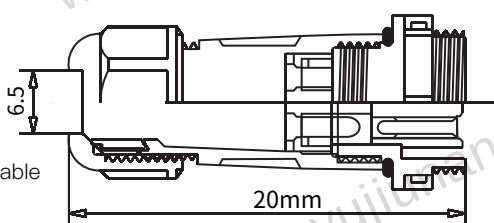


Unit	mm	TY12 socket series and code and size chart	
Shell Structure		Back nut socket	Code ZM



Shell Structure	Direct docking with cable firm socket	Code ZP
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外壳结构形式	Straight cable fastening plug	Code TP
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Materials And Technical Parameters

Coupling: Threaded coupling

Shell Material: Thermoplastic PA66、PA6

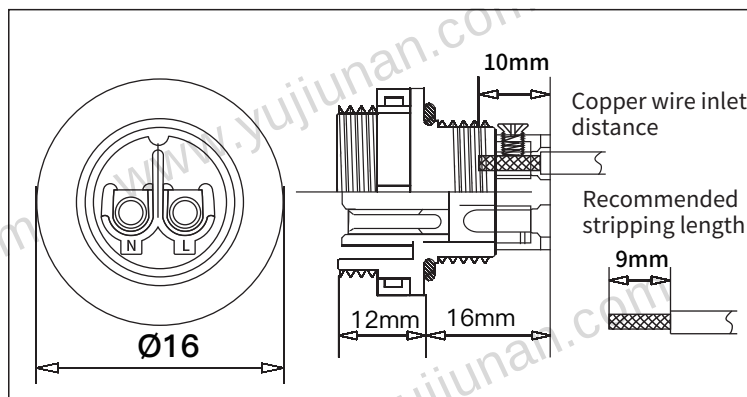
Insert Material: PA66 Max temperature 200°C

Contact Material: Brass plated with imitation gold

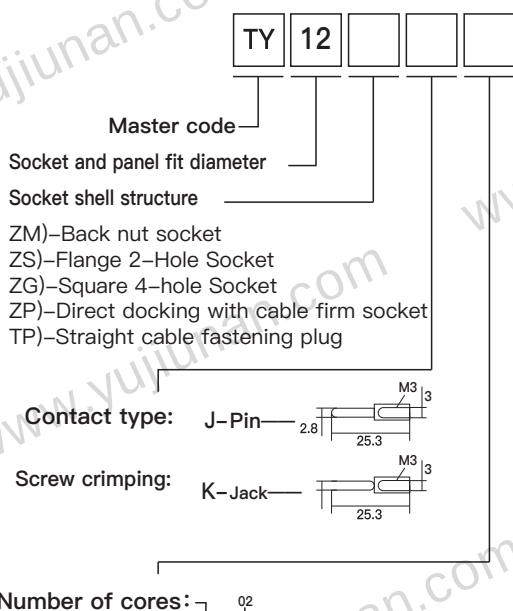
Termination: Screw crimping

Mating cycle: >500 times

Temperature Range: -25°C to 85°C



Note: M12×1.25 Thread



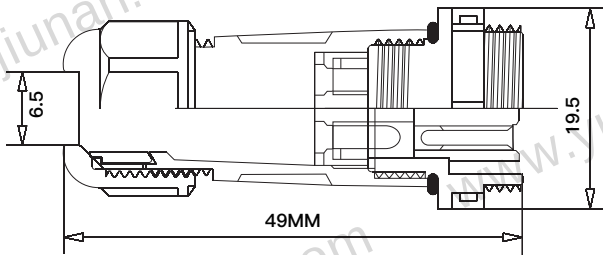
Model	Contact type	Contact core number
		02
TY12	ZM < J K	02 02
TY12	ZS < J K	02 02
TY12	ZG < J K	02 02
TY12	ZP < J K	02 02
TY12	TP < J K	02 02

TY12	02
Pin plug insulator front view	
Contact diameter (φMM)	Ø1X2
Rated current (A)	5A
Operating Voltage (AC.V)	250V
Pressure resistance (AC.A)	1500V
Contact resistance mΩ	5
Insulation resistance MΩ	2000
Cable specifications (mm ² /AWG)	≤0.75/18



TY13 Socket series and code and size drawing

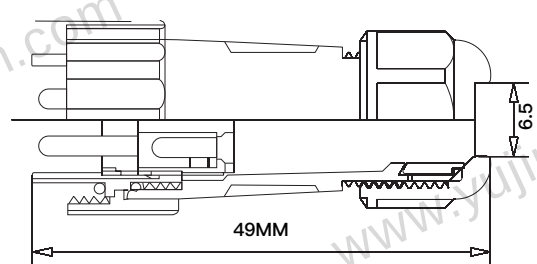
Shell Structure	Direct docking with cable firm socket	Code ZP
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For $\phi 3\sim 6.5\text{mm}$ Cable

TY13 Plug series and code and size drawing

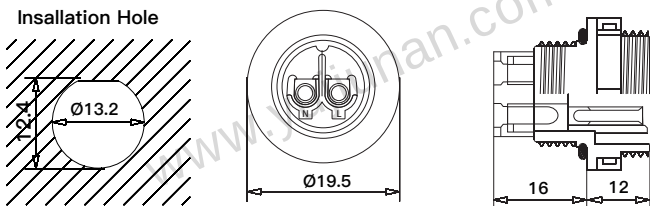
Shell Structure	Straight cable fastening plug	Code TP
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For $\phi 3\sim 6.5\text{mm}$ Cable

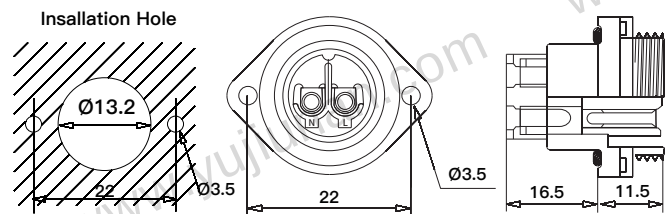
TY13 Socket series and code and size drawing

Shell Structure	Back nut socket	Code ZM
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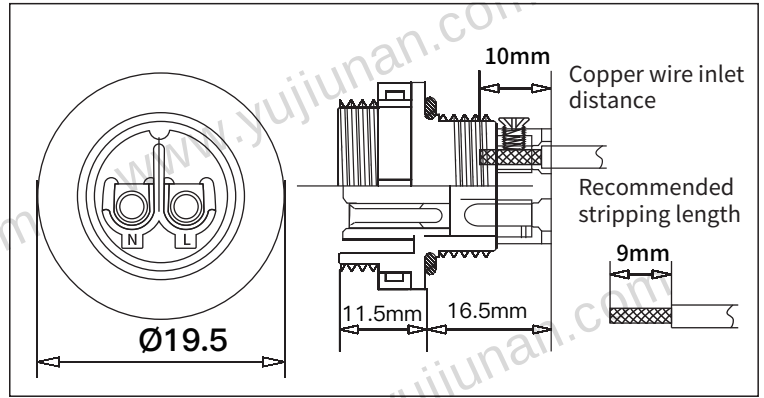
TY13 Socket series and code and size drawing

Shell Structure	Flange 2-Hole socket	Code ZS
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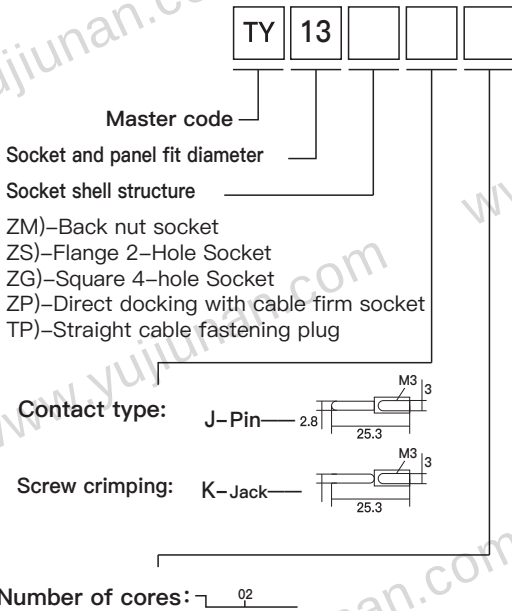


Materials And Technical Parameters

Coupling: Threaded coupling
Shell Material: Thermoplastic PA66、PA6
Insert Material: PA66 Max temperature 200°C
Contact Material: Brass plated with imitation gold
Termination: Screw crimping
Mating cycle: >500 times
Temperature Range: -25°C to 85°C



Note: M13×1.0 Thread



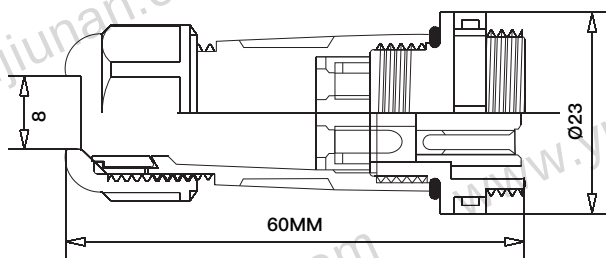
Model	Contact type	Contact core number
		02
TY13	ZM < J K	02 02
TY13	ZS < J K	02 02
TY13	ZG < J K	02 02
TY13	ZP < J K	02 02
TY13	TP < J K	02 02

TY13	02
Pin plug insulator front view	
Contact diameter (φMM)	Ø1.2X2
Rated current (A)	5A
Operating Voltage (AC.V)	250V
Pressure resistance (AC.A)	1500V
Contact resistance mΩ	5
Insulation resistance MΩ	2000
Cable specifications (mm ² /AWG)	≤1/18



TY16 Socket series and code and size drawing

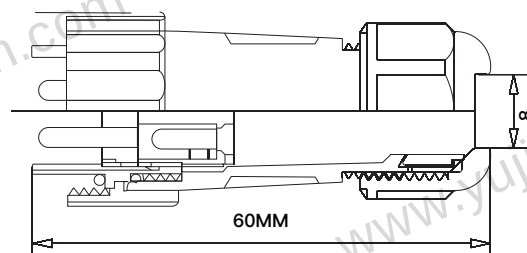
Shell	Code
Structure	ZP
Direct docking with cable firm socket	



For $\phi 4\sim 8\text{mm}$ Cable

TY16 Plug series and code and size drawing

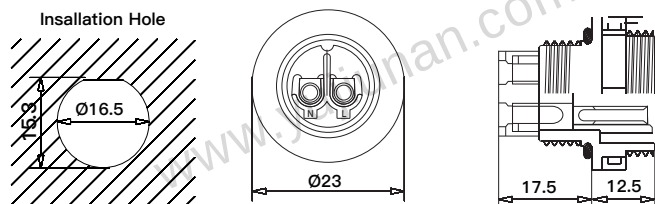
Shell	Code
Structure	TP
Straight cable fastening plug	



For $\phi 4\sim 8\text{mm}$ Cable

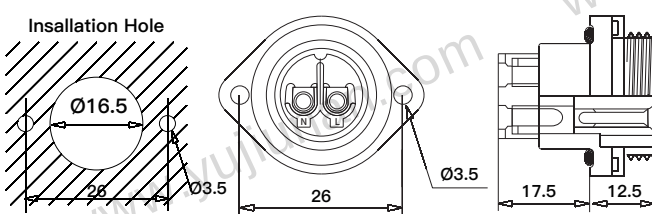
TY16 Socket series and code and size drawing

Shell	Code
Structure	ZM
Back nut socket	



TY16 Socket series and code and size drawing

Shell	Code
Structure	ZS
Flange 2-Hole socket	



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Materials And Technical Parameters

Coupling: Threaded coupling

Shell Material: Thermoplastic PA66、PA6

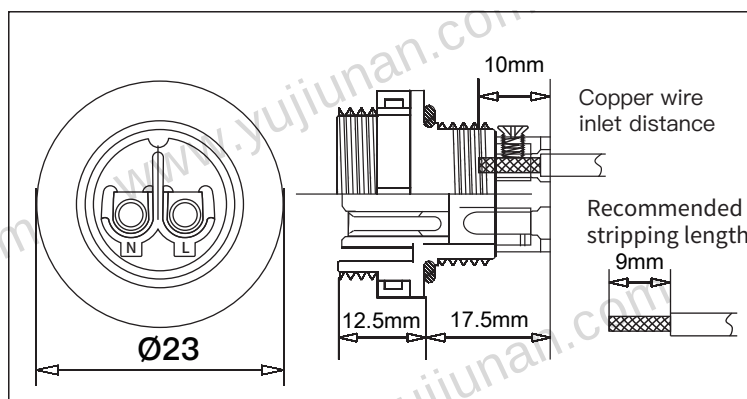
Insert Material: PA66 Max temperature 200°C

Contact Material: Brass plated with imitation gold

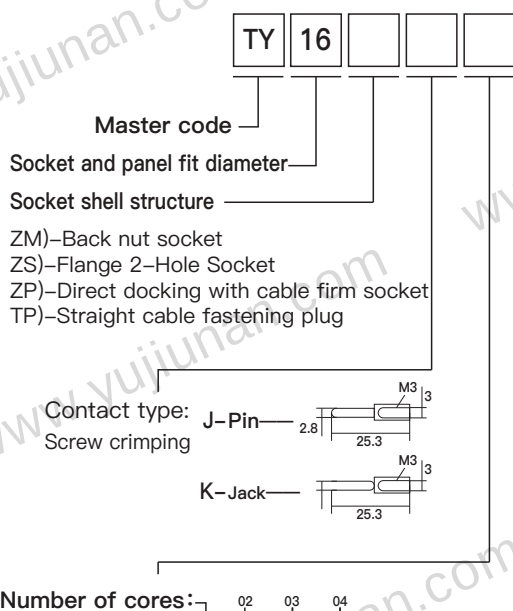
Termination: Screw crimping

Mating cycle: >500 times

Temperature Range: -25°C to 85°C



Note: M16×1.5 Thread



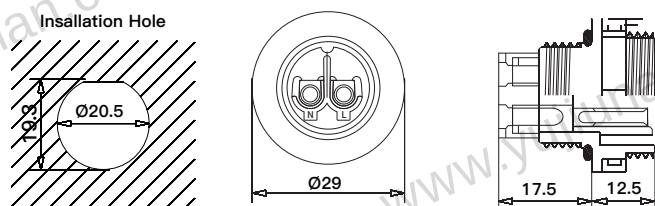
Model	Contact type	Contact core number		
		02	03	04
TY16	ZM $\begin{matrix} J \\ K \end{matrix}$	02	03	04
		02	03	04
TY16	ZS $\begin{matrix} J \\ K \end{matrix}$	02	03	04
		02	03	04
TY16	ZG $\begin{matrix} J \\ K \end{matrix}$	02	03	04
		02	03	04
TY16	ZP $\begin{matrix} J \\ K \end{matrix}$	02	03	04
		02	03	04
TY16	TP $\begin{matrix} J \\ K \end{matrix}$	02	03	04
		02	03	04

TY16	02	03	04
Pin plug insulator front view			
Contact diameter (φMM)	Ø2.8X2	Ø1.8X3	Ø1X4
Rated current (A)	16A	10A	5A
Operating Voltage (AC.V)	380V	380V	250V
Pressure resistance (AC.A)	1500V	1500V	1500V
Contact resistance mΩ	1	2	5
Insulation resistance MΩ	2000	2000	2000
Cable specifications (mm ² /AWG)	≤4/12	≤1.5/14	≤0.75/18

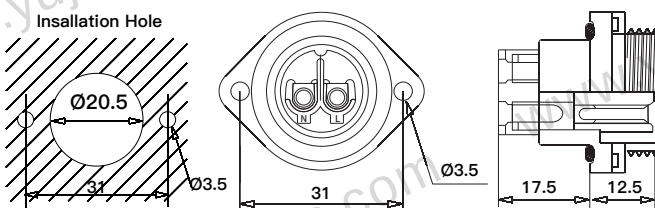


TY20 Socket series and code and size drawing

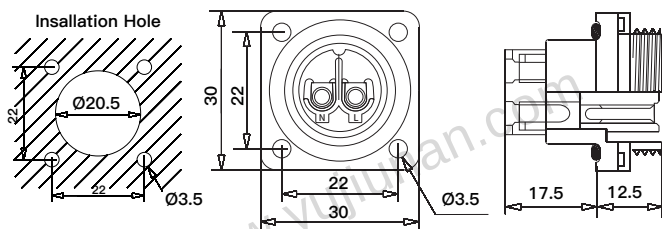
Shell Structure	Back nut socket	Code
		ZM



Shell Structure	Flange 2-Hole Socket	Code
		ZS

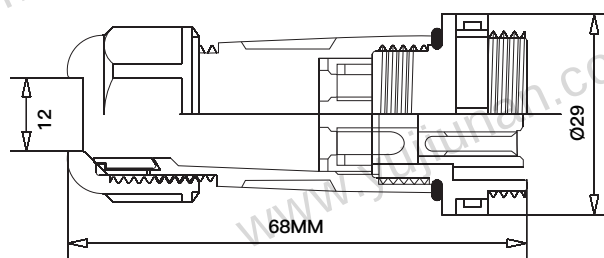


Shell Structure	Square 4-Hole Socket	Code
		ZG



TY20 Socket series and code and size drawing

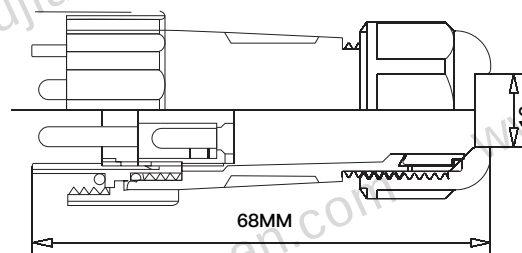
Shell Structure	Direct docking with cable firm socket	Code
		ZP



For $\varnothing 6 \sim 12$ mm Cable

TY20 Plug series and code and size drawing

Shell Structure	Straight cable fastening plug	Code
		TP



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Materials And Technical Parameters

Coupling: Threaded coupling

Shell Material: Thermoplastic PA66、PA6

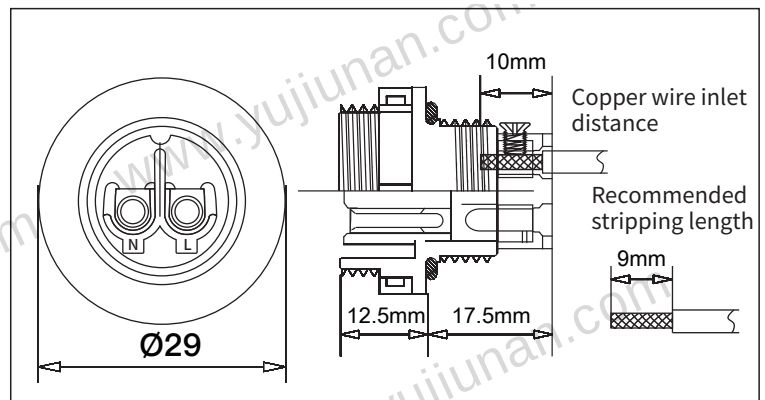
Insert Material: PA66 Max temperature 200°C

Contact Material: Brass plated with imitation gold

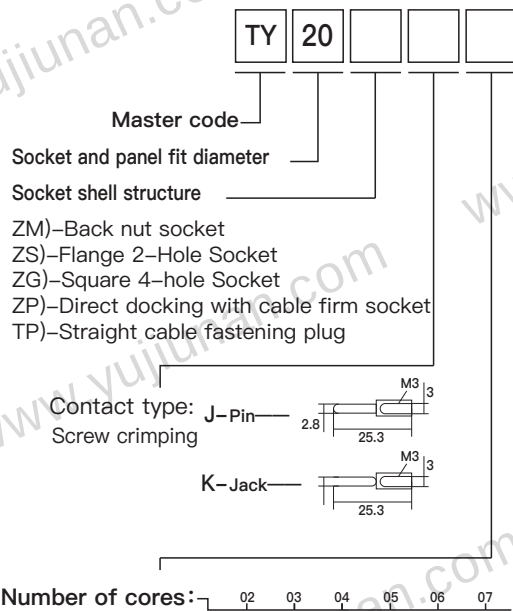
Termination: Screw crimping

Mating cycle: >500 times

Temperature Range: -25°C to 85°C



Note: M20×1.5 Thread



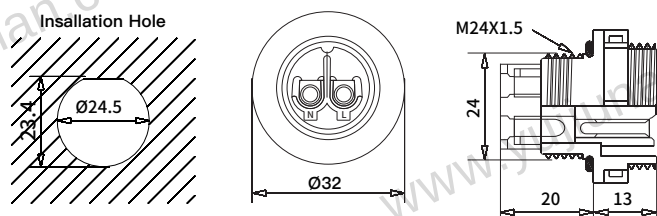
Model	Contact type	Contact core number						
		02	03	04	05	06	07	
TY20	ZM	J	02	03	04	05	06	07
		K	02	03	04	05	06	07
TY20	ZS	J	02	03	04	05	06	07
		K	02	03	04	05	06	07
TY20	ZG	J	02	03	04	05	06	07
		K	02	03	04	05	06	07
TY20	ZP	J	02	03	04	05	06	07
		K	02	03	04	05	06	07
TY20	TP	J	02	03	04	05	06	07
		K	02	03	04	05	06	07

TY20	02	03	04	05	06	07
Pin plug insulator front view						
Contact diameter (φMM)	Ø2.8X2	Ø2.8X3	Ø2.8X4	Ø1.8X5	Ø1X6	Ø1X7
Rated current (A)	25A	25A	25A	10A	5A	5A
Operating Voltage (AC.V)	380V	380V	380V	380V	250V	250V
Pressure resistance (AC.A)	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	1	1	1	2	5	5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000
Cable specifications (mm ² /AWG)	≤4/12	≤4/12	≤4/12	≤1.5/14	≤0.75/18	≤0.75/18

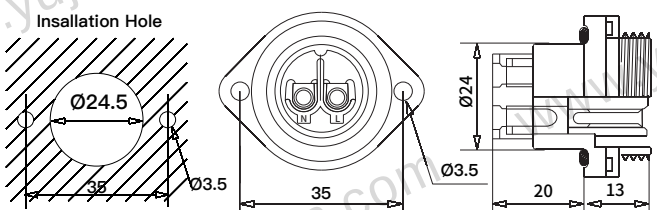


TY24 Socket series and code and size drawing

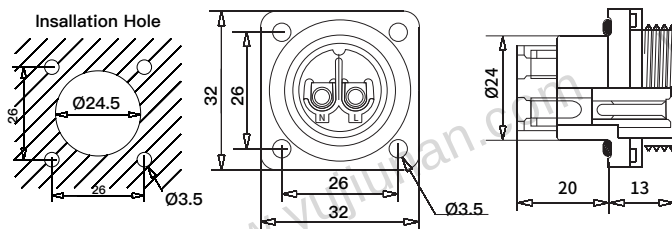
Shell Structure	Back nut socket	Code
		ZM



Shell Structure	Flange 2-Hole Socket	Code
		ZS

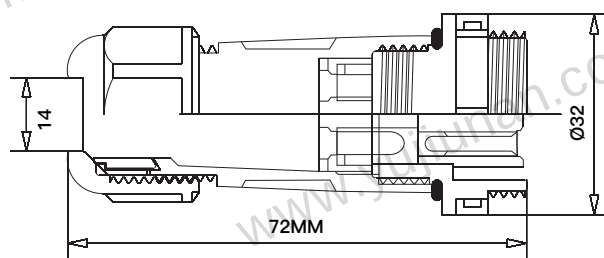


Shell Structure	Square 4-Hole Socket	Code
		ZG



TY24 Socket series and code and size drawing

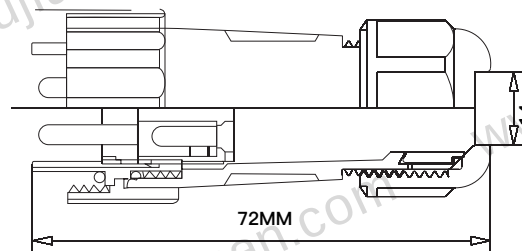
Shell Structure	Direct docking with cable firm socket	Code
		ZP



For $\phi 9 \sim 14$ mm Cable

TY24 Plug series and code and size drawing

Shell Structure	Straight cable fastening plug	Code
		TP



For $\phi 9 \sim 14$ mm Cable

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Materials And Technical Parameters

Coupling: Threaded coupling

Shell Material: Thermoplastic PA66、PA6

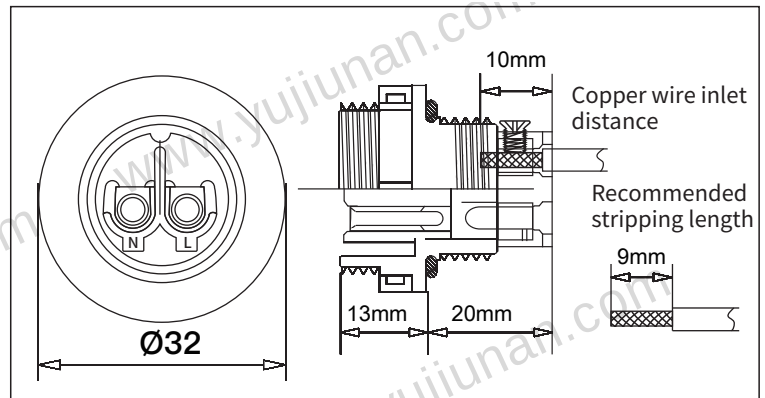
Insert Material: PA66 Max temperature 200°C

Contact Material: Brass plated with imitation gold

Termination: Screw crimping

Mating cycle: >500 times

Temperature Range: -25°C to 85°C



Note: M24×1.5 Thread



Master code

Socket and panel fit diameter

Socket shell structure

ZM)–Back nut socket

ZS)–Flange 2–Hole Socket

ZG)–Square 4–hole Socket

ZP)–Direct docking with cable firm socket

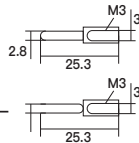
TP)–Straight cable fastening plug

Contact type:

J–Pin

Screw crimping

K–Jack



Number of cores:

02 03 04 05 06 07

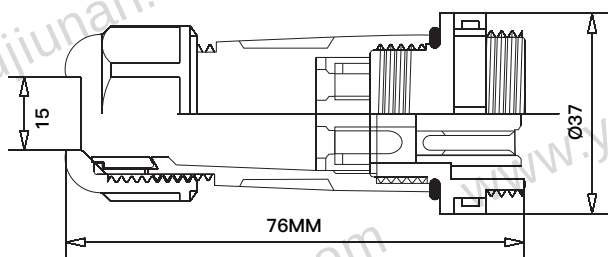
Model	Contact type	Contact core number							
		02	03	04	05	06	07	08	09
TY24	ZM	J	02	03	04	05	06	07	08
		K	02	03	04	05	06	07	08
TY24	ZS	J	02	03	04	05	06	07	08
		K	02	03	04	05	06	07	08
TY24	ZG	J	02	03	04	05	06	07	08
		K	02	03	04	05	06	07	08
TY24	ZP	J	02	03	04	05	06	07	08
		K	02	03	04	05	06	07	08
TY24	TP	J	02	03	04	05	06	07	08
		K	02	03	04	05	06	07	08

TY24	02	03	04	05	06	07	08	09
Pin plug insulator front view								
Contact diameter (φMM)	Ø3.6X2	Ø3.2X3	Ø3.2X4	Ø2.8X5	Ø1.8X6	Ø1.8X7	Ø1.2X8	Ø1.2X9
Rated current (A)	45A	32A	32A	25A	10A	10A	5A	5A
Operating Voltage (AC.V)	380V	380V	380V	380V	380V	380V	380V	380V
Pressure resistance (AC.A)	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	0.5	0.5	0.5	1	2	2	2	2
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000	2000
Cable specifications (mm ² /AWG)	≤6/10	≤6/10	≤6/10	≤4/12	≤1.5/14	≤1.5/14	≤1/18	≤1/18



TY28 Socket series and code and size drawing

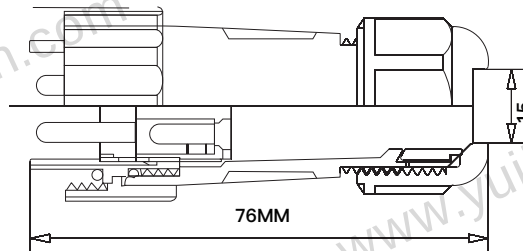
Shell Structure	Direct docking with cable firm socket	Code ZP
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For $\phi 10 \sim 15$ mm Cable

TY28 Plug series and code and size drawing

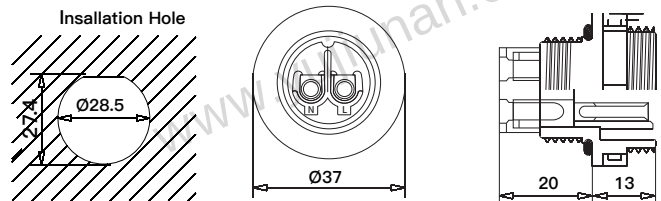
Shell Structure	Straight cable fastening plug	Code TP
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For $\phi 10 \sim 15$ mm Cable

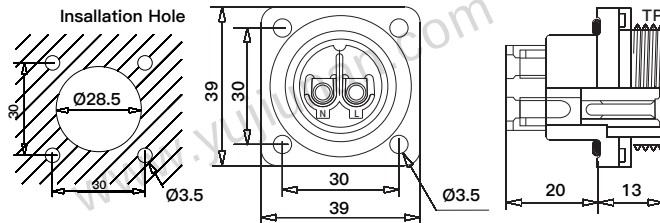
TY28 Socket series and code and size drawing

Shell Structure	Back nut socket	Code ZM
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TY28 Socket series and code and size drawing

Shell Structure	Square 4-Hole Socket	Code ZG
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Materials And Technical Parameters

Coupling: Threaded coupling

Shell Material: Thermoplastic PA66、PA6

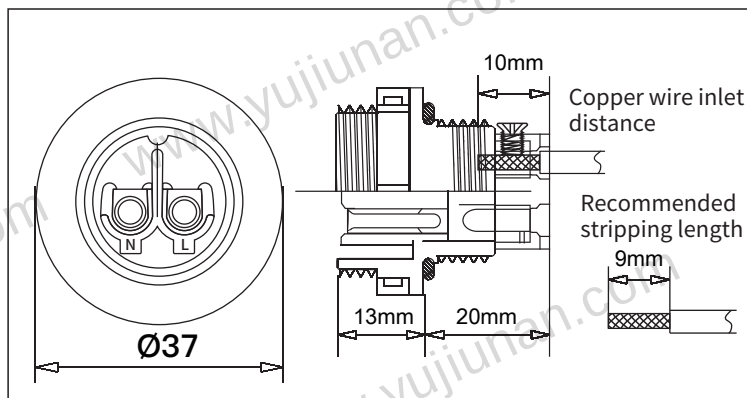
Insert Material: PA66 Max temperature 200°C

Contact Material: Brass plated with imitation

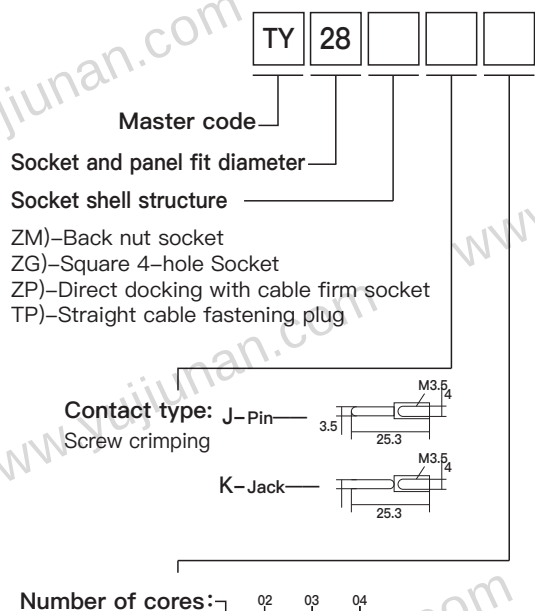
gold Termination: Screw crimping

Mating cycle: >500 times

Temperature Range: -25°C to 85°C



Note: M28×1.5 Thread



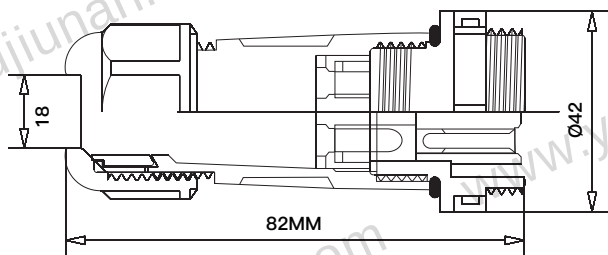
Model	Contact type	Contact core number							
		02	03	04	05	06	07	09	
TY28	ZM	J	02	03	04	05	06	07	09
		K	02	03	04	05	06	07	09
TY28	ZS	J	02	03	04	05	06	07	09
		K	02	03	04	05	06	07	09
TY28	ZG	J	02	03	04	05	06	07	09
		K	02	03	04	05	06	07	09
TY28	ZP	J	02	03	04	05	06	07	09
		K	02	03	04	05	06	07	09
TY28	TP	J	02	03	04	05	06	07	09
		K	02	03	04	05	06	07	09

TY28	02	03	04	05	06	07	09
Pin plug insulator front view							
Contact diameter (φMM)	Ø3.6×2	Ø3.6×3	Ø3.6×4	Ø2.8×5	Ø2.8×6	Ø2.8×7	Ø2.8×9
Rated current (A)	45A	45A	45A	25A	25A	25A	10A
Operating Voltage (AC.V)	380V	380V	380V	380V	380V	380V	380V
Pressure resistance (AC.A)	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	0.5	0.5	0.5	1	1	1	2
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000
Cable specifications (mm ² /AWG)	≤6/10	≤6/10	≤6/10	≤4/12	≤4/12	≤4/12	≤1.5/14



TY32 Socket series and code and size drawing

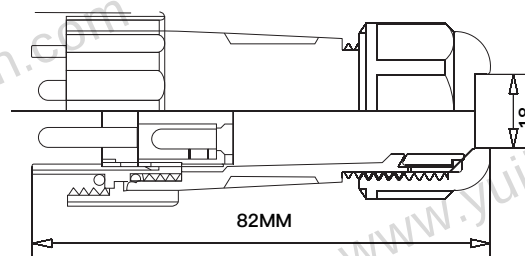
Shell Structure	Direct docking with cable firm socket	Code ZP
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For $\phi 12 \sim 18\text{mm}$ Cable

TY32 Plug series and code and size drawing

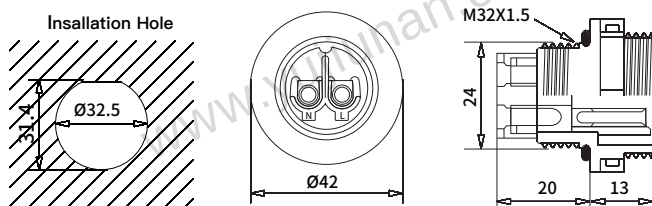
Shell Structure	Straight cable fastening plug	Code TP
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For $\phi 12 \sim 18\text{mm}$ Cable

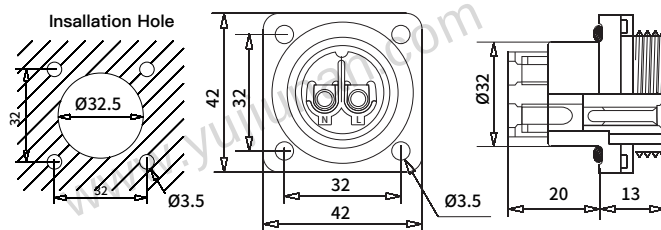
TY32 Socket series and code and size drawing

Shell Structure	Back nut socket	Code ZM
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TY32 Socket series and code and size drawing

Shell Structure	Square 4-Hole Socket	Code ZG
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Materials And Technical Parameters

Coupling: Threaded coupling

Shell Material: Thermoplastic PA66、PA6

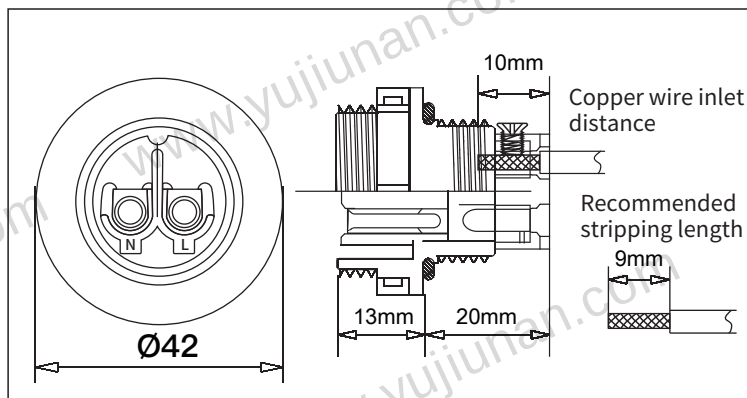
Insert Material: PA66 Max temperature 200℃

Contact Material: Brass plated with imitation

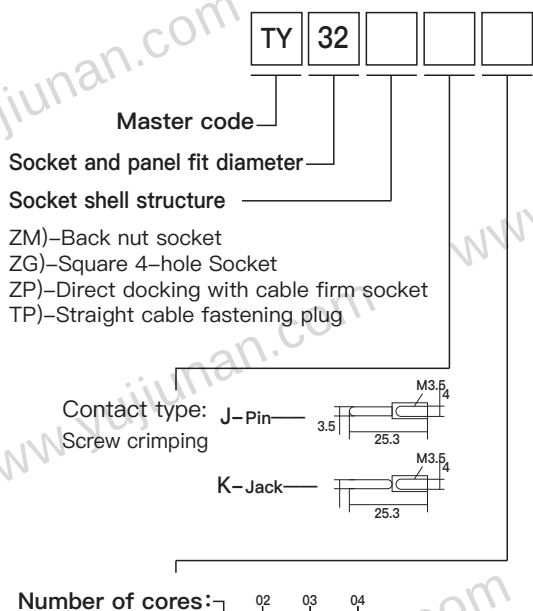
gold Termination: Screw crimping

Mating cycle: >500 times

Temperature Range: -25℃ to 85℃



Note: M32×1.5 Thread



Model	Contact type	Contact core number						
		03	04	05	07	09	11	
TY32	ZM	J	03	04	05	07	09	11
		K	03	04	05	07	09	11
TY32	ZS	J	03	04	05	07	09	11
		K	03	04	05	07	09	11
TY32	ZG	J	03	04	05	07	09	11
		K	03	04	05	07	09	11
TY32	ZP	J	03	04	05	07	09	11
		K	03	04	05	07	09	11
TY32	TP	J	03	04	05	07	09	11
		K	03	04	05	07	09	11

TY32	03	04	05	07	09	11
Pin plug insulator front view						
Contact diameter (φMM)	Ø3.6X3	Ø3.6X4	Ø3.6X5	Ø3.2X7	Ø2.8X9	Ø1.8X11
Rated current (A)	45A	45A	45A	32A	25A	10A
Operating Voltage (AC.V)	380V	380V	380V	380V	380V	380V
Pressure resistance (AC.A)	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	0.5	0.5	0.5	0.5	1	2
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000
Cable specifications (mm ² /AWG)	≤6/10	≤6/10	≤6/10	≤6/10	≤4/12	≤1.5/14