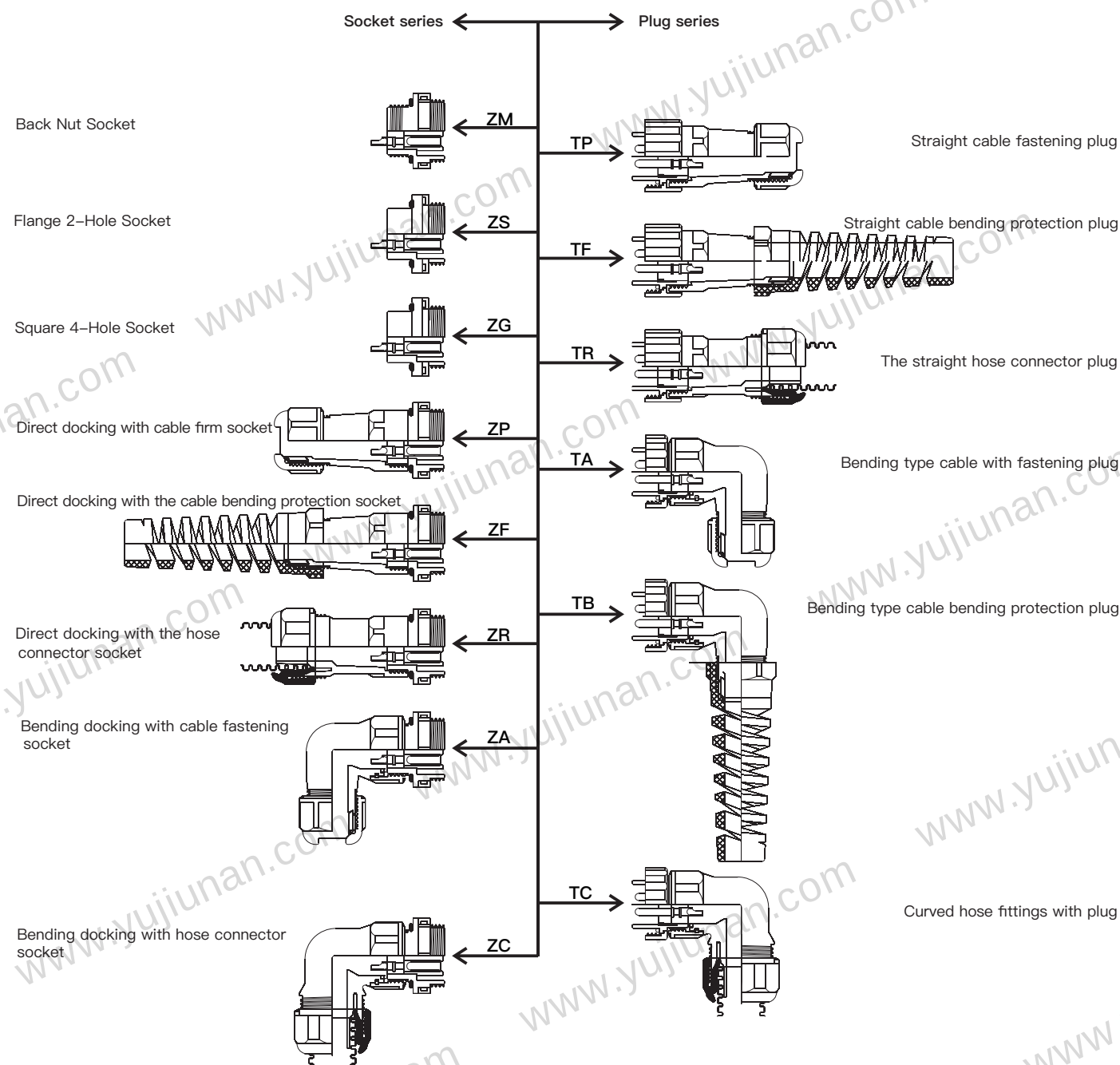
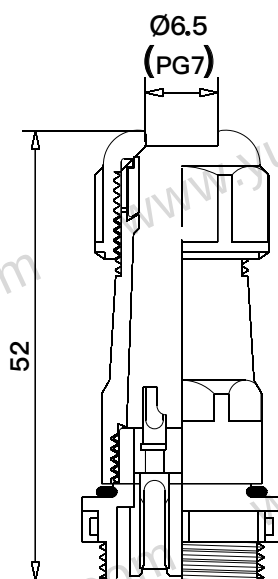
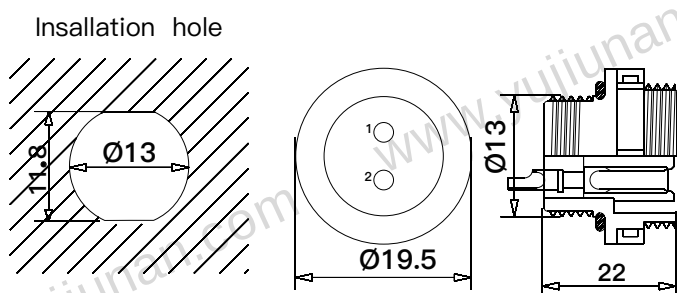






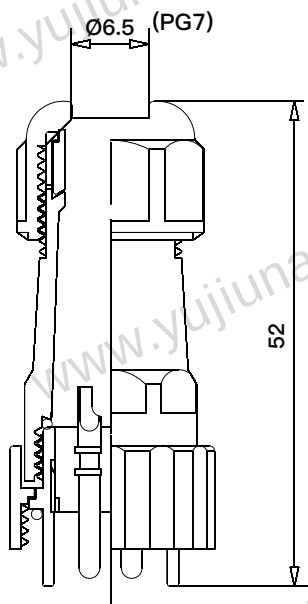
Shell structure	After the Nut Socket	Code
		ZM

Shell structure	Direct docking with cable firm socket	Code
		ZP

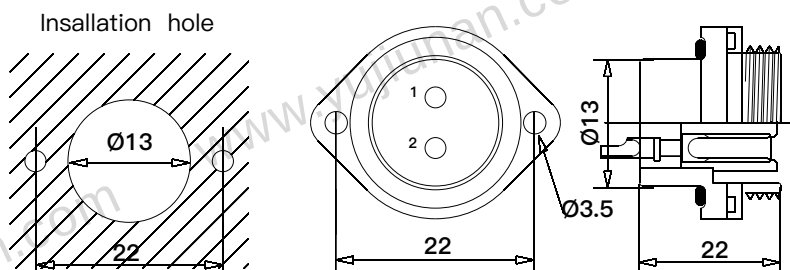


Shell structure	Code
Straight cable fastening plug	TP

For $\phi 4 \sim 6.5$ mm Cable



Shell structure	Flange 2-Hole socket	Code
		ZS



Materials and technical parameters

Coupling: Threaded coupling

Shell Material: Thermoplastic PA66、PA6

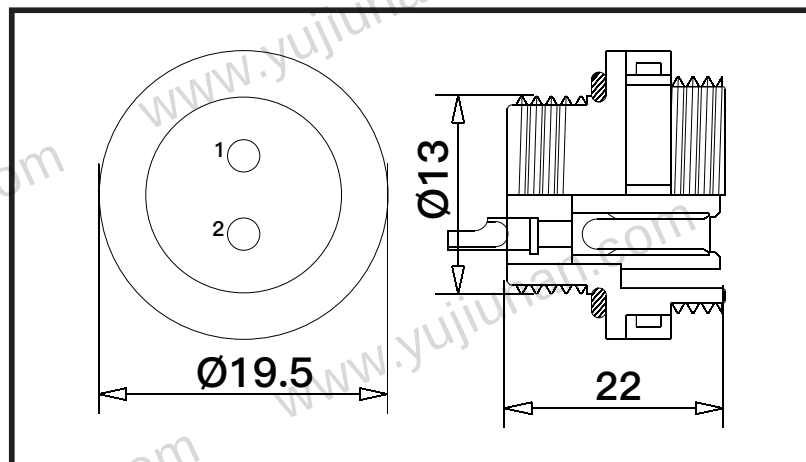
Insert Material: PPS Max temperature 220°C

Contact Material: Brass with gold plating

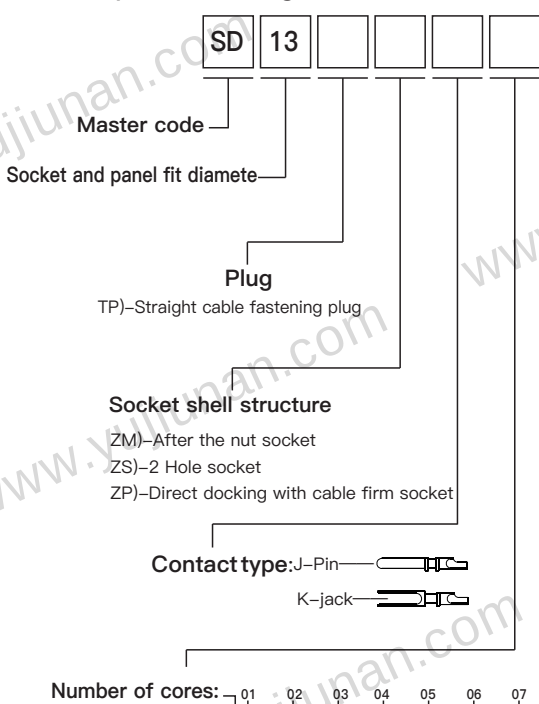
Termination: Solder

Mating cycle: >500 times

Temperature Range: -25°C to 85°C



Note: M13x1.0 Thread



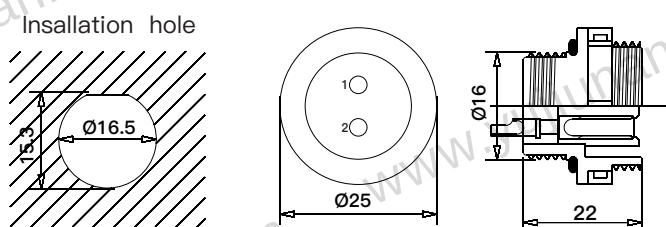
Model	Contact type	Contact core number						
		01	02	03	04	05	06	07
SD13	ZM	J						
	K							
SD13	ZS	J						
	K							
SD13	ZP	J						
	K							
SD13	TP	J						
	K							

SD13	01	02	03	04	05	06	07
Pin plug insulator front view							
Contact diameter (φmm)	Ø2.8x1	Ø1.8x2	Ø1x3	Ø1x4	Ø1x5	Ø1x6	Ø1x7
Rated current (A)	25A	10A	5A	5A	5A	5A	5A
Operating Voltage (AC.V)	380V	380V	250V	250V	250V	250V	250V
Pressure resistance (AC.A)	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	2	2	5	5	5	5	5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000
Cable specifications (mm ² /AWG)	≤4/12	≤1.5/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18

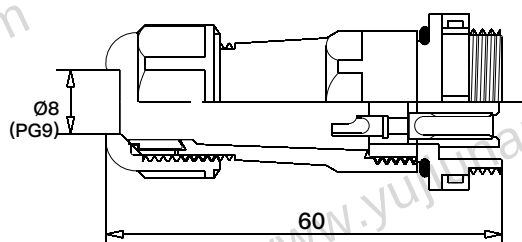


SD16 Socket series and code and size drawing

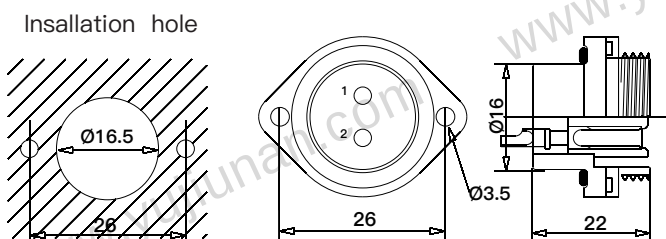
Shell structure	Back Nut Socket	Code
		ZM



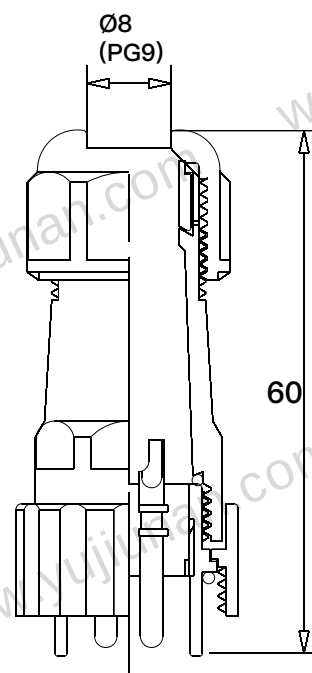
Shell structure	Direct docking with cable firm socket	Code
		ZP



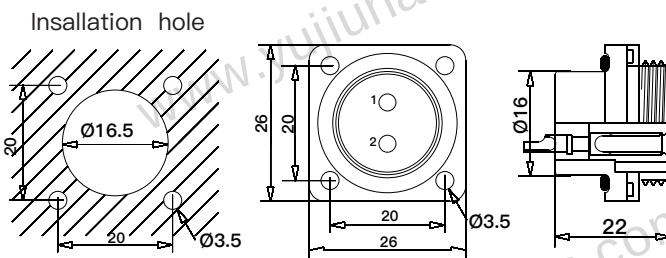
Shell structure	Flange 2-Hole Socket	Code
		ZS



Shell structure	Straight cable fastening plug	Code
		TP



Shell structure	Square 4-hole Socket	Code
		ZG



For $\phi 6-8\text{mm}$ Cable

Materials and technical parameters

Coupling: Threaded coupling

Shell Material: Thermoplastic PA66、PA6

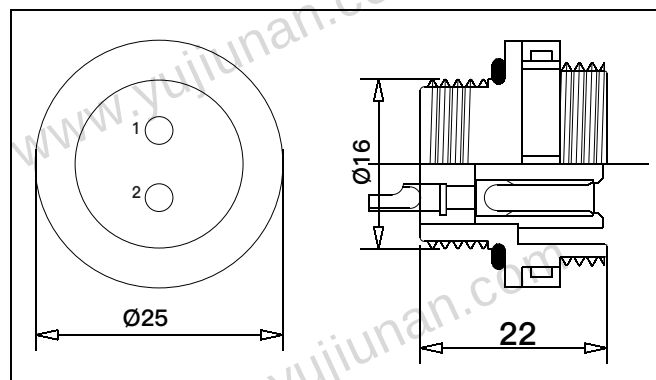
Insert Material: PPS Max temperature 220℃

Contact Material: Brass with gold plating

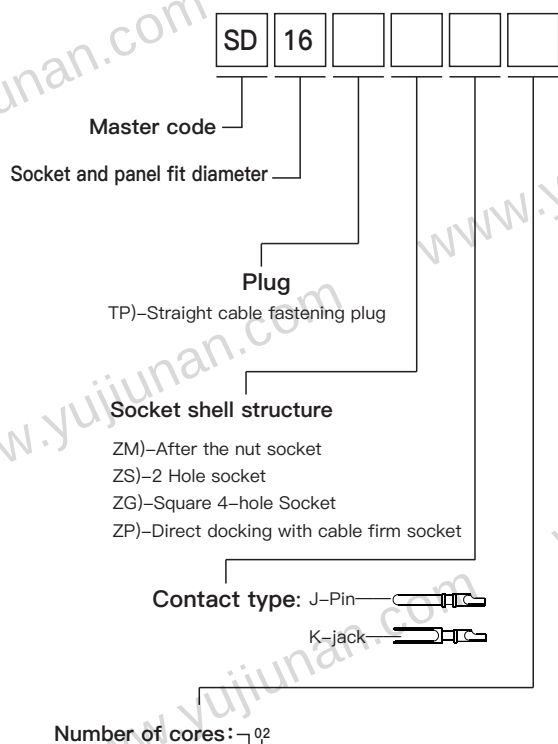
Termination: Solder

Mating cycle: >500 times

Temperature Range: -25℃ to 85℃



Note: M16x1.5 Thread



Model	Contact type	Contact core number							
		02	03	04	05	06	07	08	09
SD16	ZM	J							
		K							
SD16	ZS	J							
		K							
SD16	ZG	J							
		K							
SD16	ZP	J							
		K							
SD16	TP	J							
		K							

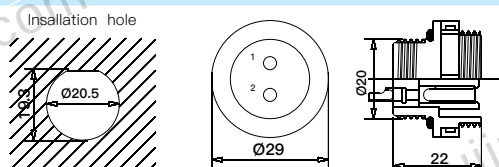
SD16	02	03	04	05	06	07	08	09
Pin plug insulator front view								
Contact diameter (φmm)	Ø1.8x2	Ø1.8x3	Ø1x4	Ø1x5	Ø1x6	Ø1x7	Ø1x8	Ø1x9
Rated current (A)	10A	10A	5A	5A	5A	5A	5A	5A
Operating Voltage (AC.V)	380V	380V	250V	250V	250V	250V	250V	250V
Pressure resistance (AC.A)	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	2	2	5	5	5	5	5	5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000	2000
Cable specifications (mm ² /AWG)	≤1.5/14	≤1.5/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18



SD20 Socket series and code and size drawing

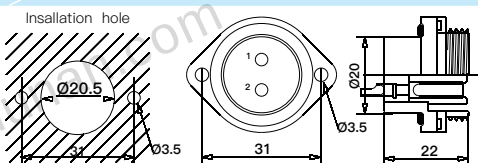
Shell structure	Back Nut Socket	Code
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ZM



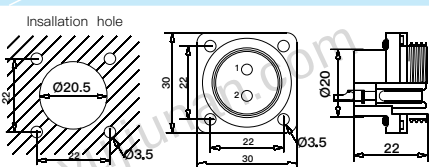
Shell structure	Flange 2-Hole Socket	Code
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ZS



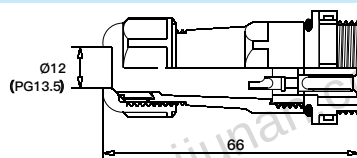
Shell structure	Square 4-hole Socket	Code
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ZG



Shell structure	Direct docking with cable firm socket	Code
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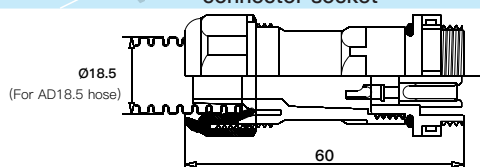
ZP



For $\phi 8-12$ mm Cable

Shell structure	Direct docking with the hose connector socket	Code
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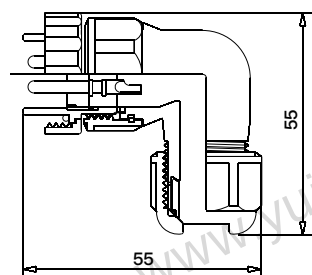
ZR



SD20 Plug series and code and size drawing

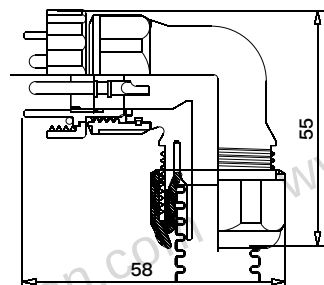
Shell structure	Bending type cable with fastening plug	Code
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TA



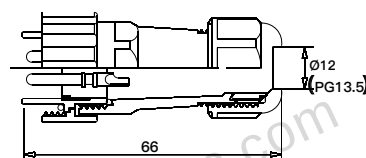
Shell structure	Curved hose fittings with plug	Code
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TC



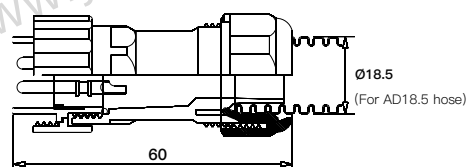
Shell structure	Straight cable fastening plug	Code
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TP



Shell structure	The straight hose connector plug	Code
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TR



Materials and technical parameters

Coupling: Threaded coupling

Shell Material: Thermoplastic PA66、PA6

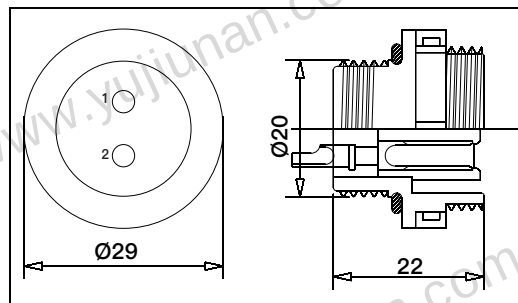
Insert Material: PPS Max temperature 220℃

Contact Material: Brass with gold plating

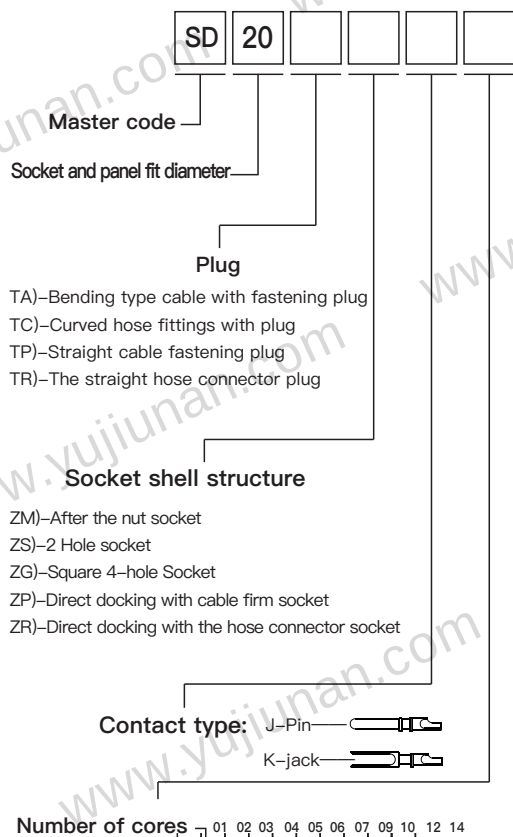
Termination: Solder

Mating cycle: >500 times

Temperature Range: -25℃ to 85℃



Note: M20×1.5 Thread



Model	Contact type	Contact core number													
		01	02	03	04	05	06	07	08	09	10	12	14		
SD20	ZM	J	01	02	03	04	05	06	07	08	09	10	12	14	
		K	01	02	03	04	05	06	07	08	09	10	12	14	
SD20	ZS	J	01	02	03	04	05	06	07	08	09	10	12	14	
		K	01	02	03	04	05	06	07	08	09	10	12	14	
SD20	ZG	J	01	02	03	04	05	06	07	08	09	10	12	14	
		K	01	02	03	04	05	06	07	08	09	10	12	14	
SD20	ZP	J	01	02	03	04	05	06	07	08	09	10	12	14	
		K	01	02	03	04	05	06	07	08	09	10	12	14	
SD20	ZR	J	01	02	03	04	05	06	07	08	09	10	12	14	
		K	01	02	03	04	05	06	07	08	09	10	12	14	
SD20	ZN	J	01	02	03	04	05	06	07	08	09	10	12	14	
		K	01	02	03	04	05	06	07	08	09	10	12	14	
SD20	TP	J	01	02	03	04	05	06	07	08	09	10	12	14	
		K	01	02	03	04	05	06	07	08	09	10	12	14	
SD20	TA	J	01	02	03	04	05	06	07	08	09	10	12	14	
		K	01	02	03	04	05	06	07	08	09	10	12	14	
SD20	TR	J	01	02	03	04	05	06	07	08	09	10	12	14	
		K	01	02	03	04	05	06	07	08	09	10	12	14	
SD20	TN	J	01	02	03	04	05	06	07	08	09	10	12	14	
		K	01	02	03	04	05	06	07	08	09	10	12	14	
SD20	TC	J	01	02	03	04	05	06	07	08	09	10	12	14	
		K	01	02	03	04	05	06	07	08	09	10	12	14	

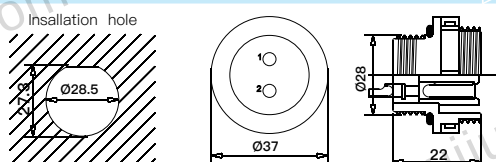
SD20	01	02	03	04	05	06	07	08	09	10	12	14
Pin plug insulator front view												
Contact diameter (φmm)	Ø3.6×1	Ø2.8×2	Ø2.8×3	Ø2.8×4	Ø2.8×5	Ø1.8×6	Ø1.8×7	Ø1×8	Ø1×9	Ø1×10	Ø1×12	Ø1×14
Rated current (A)	45A	25A	25A	25A	25A	10A	10A	5A	5A	5A	5A	5A
Operating Voltage (AC.V)	380V	380V	380V	380V	380V	380V	380V	250V	250V	250V	250V	250V
Pressure resistance (ACA)	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	0.5	1	1	1	1	2	2	5	5	5	5	5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Cable specifications (mm ² /AWG)	≤6/10	≤4/12	≤4/12	≤4/12	≤4/12	≤1.5/14	≤1.5/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18



SD28 Socket series and code and size drawing

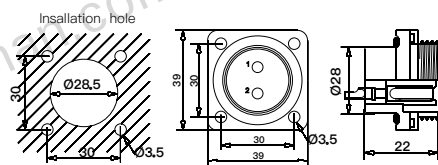
Shell structure	Back Nut Socket	Code
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ZM



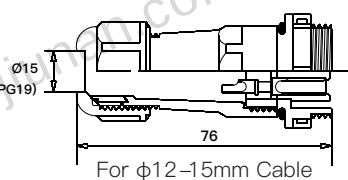
Shell structure	Square 4-Hole Socket	Code
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ZG



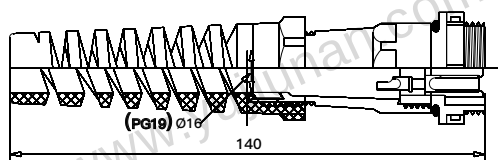
Shell structure	Direct docking with cable firm socket	Code
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ZP



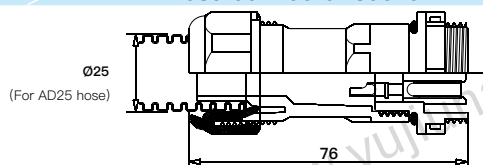
Shell structure	Direct docking with the cable bending protection socket	Code
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ZF



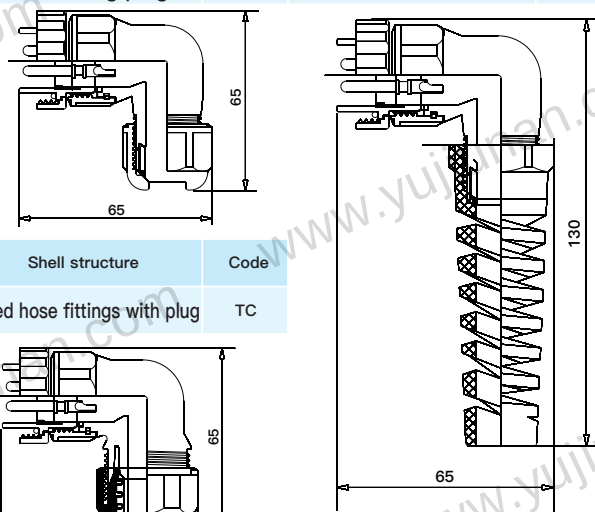
Shell structure	Direct docking with the hose connector socket	Code
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ZR

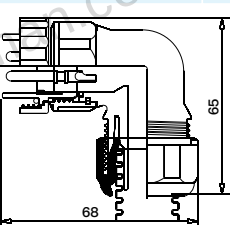


SD28 Plug series and code and size drawing

Shell structure	Code	Shell structure	Code
Bending type cable with fastening plug	TA	Bending type cable bending protection plug	TB

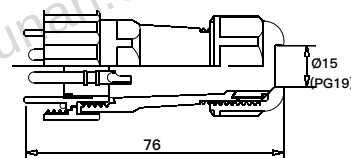


Shell structure	Code
Curved hose fittings with plug	TC



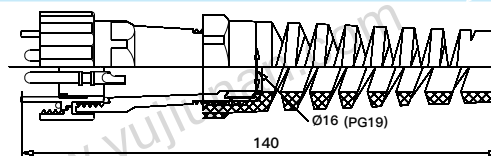
Shell structure	Straight cable fastening plug	Code
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TP



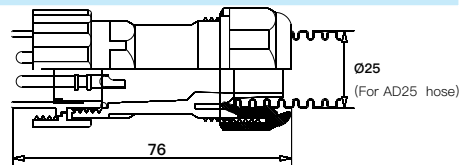
Shell structure	Straight cable bending protection plug	Code
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TF



Shell structure	The straight hose connector plug	Code
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TR



Materials and technical parameters

Coupling: Threaded coupling

Shell Material: Thermoplastic PA66、PA6

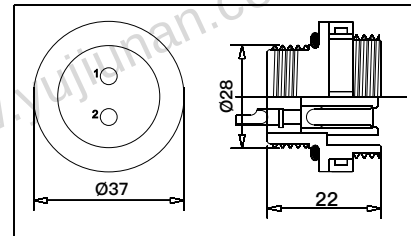
Insert Material: PPS Max temperature 220℃

Contact Material: Brass with gold plating

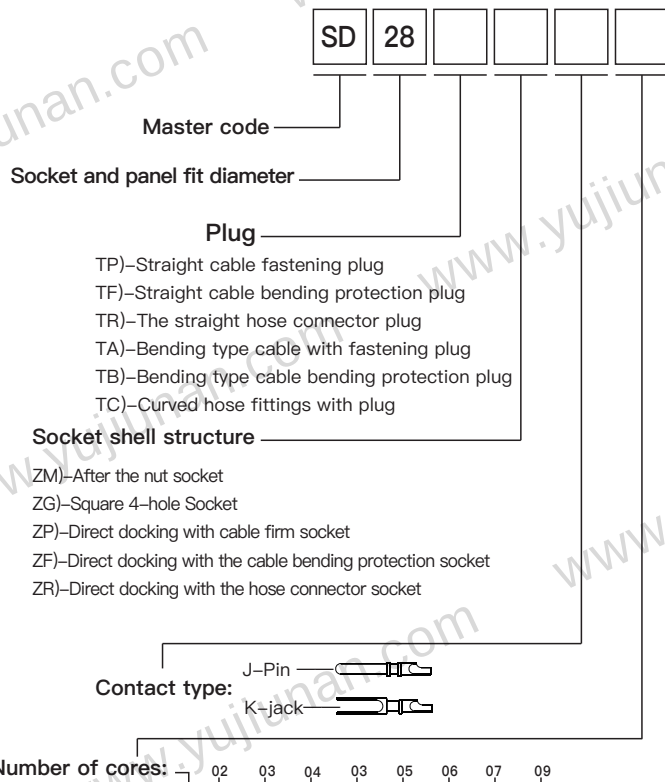
Termination: Solder

Mating cycle: >500 times

Temperature Range: -25℃ to 85℃



Note: M28x1.5 Thread



Model	Contact type	Contact core numbe									09
		02	03	04	03	05	06	07	08		
SD28	ZM	J	02	03	04	03	05	06	07	08	09
		K	02	03	04	03	05	06	07	08	09
SD28	ZG	J	02	03	04	03	05	06	07	08	09
		K	02	03	04	03	05	06	07	08	09
SD28	ZP	J	02	03	04	03	05	06	07	08	09
		K	02	03	04	03	05	06	07	08	09
SD28	ZF	J	02	03	04	03	05	06	07	08	09
		K	02	03	04	03	05	06	07	08	09
SD28	ZR	J	02	03	04	03	05	06	07	08	09
		K	02	03	04	03	05	06	07	08	09
SD28	TP	J	02	03	04	03	05	06	07	08	09
		K	02	03	04	03	05	06	07	08	09
SD28	TF	J	02	03	04	03	05	06	07	08	09
		K	02	03	04	03	05	06	07	08	09
SD28	TR	J	02	03	04	03	05	06	07	08	09
		K	02	03	04	03	05	06	07	08	09
SD28	TA	J	02	03	04	03	05	06	07	08	09
		K	02	03	04	03	05	06	07	08	09
SD28	TB	J	02	03	04	03	05	06	07	08	09
		K	02	03	04	03	05	06	07	08	09
SD28	TC	J	02	03	04	03	05	06	07	08	09
		K	02	03	04	03	05	06	07	08	09

SD28	02	03	04	03	05	06	07	08	09
Pin plug insulator front view									
Contact diameter (φmm)	Ø3.6×2	Ø3.6×3	Ø3.6×4	Ø2.8×3	Ø2.8×5	Ø2.8×6	Ø2.8×7	Ø2.8×8	Ø1.8×9
Rated current (A)	45A	45A	45A	25A	25A	25A	25A	25A	10A
Operating Voltage (AC.V)	380V	380V	380V	380V	380V	380V	380V	380V	380V
Pressure resistance (AC.A)	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	0.5	0.5	0.5	1	1	1	1	1	2
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000	2000	2000
Cable specifications (mm ² /AWG)	≤6/10	≤6/10	≤6/10	≤4/12	≤4/12	≤4/12	≤4/12	≤4/12	≤1.5/14

Materials and technical parameters

Coupling: Threaded coupling

Shell Material: Thermoplastic PA66、PA6

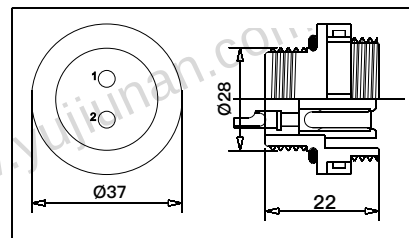
Insert Material: PPS Max temperature 220°C

Contact Material: Brass with gold plating

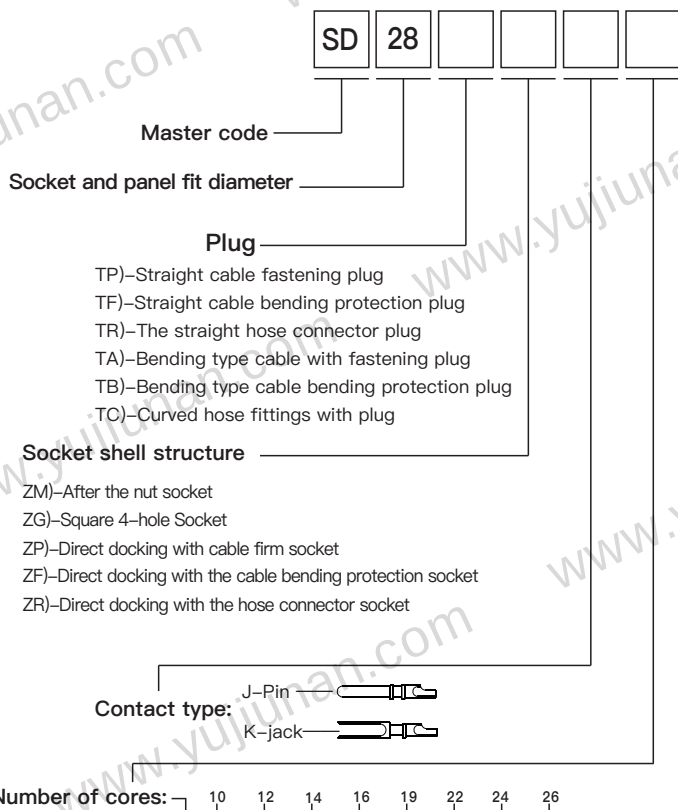
Termination: Solder

Mating cycle: >500 times

Temperature Range: -25°C to 85°C



Note: M28x1.5 Thread



Model	Contact type	Contact core number							
		10	12	14	16	19	22	24	26
SD28	ZM < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26
SD28	ZS < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26
SD28	ZG < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26
SD28	ZP < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26
SD28	ZF < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26
SD28	ZR < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26
SD28	TP < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26
SD28	TF < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26
SD28	TR < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26
SD28	TA < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26
SD28	TB < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26
SD28	TC < J	10	12	14	16	19	22	24	26
	K	10	12	14	16	19	22	24	26

SD28	10	12	14	16	19	22	24	26
Pin plug insulator front view								
Contact diameter (φmm)	Ø1.8×10	Ø1.8×12	Ø1.8×14	Ø1.8×16	Ø1×19	Ø1×22	Ø1×24	Ø1×26
Rated current (A)	10A	10A	10A	10A	5A	5A	5A	5A
Operating Voltage (AC.V)	380V	380V	380V	380V	250V	250V	250V	250V
Pressure resistance (AC.A)	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	2	2	2	2	5	5	5	5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000	2000
Cable specifications (mm ² /AWG)	≤1.5/14	≤1.5/14	≤1.5/14	≤1.5/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18