

YP series circular connectors



YP series circular connectors are used extensively in line connections between electrical equipment, various instruments and meters. These connectors have the features of small volume, light weight, convenient application, high durability of plugging and unplugging, good sealing performance, resistance against corrosion, high conductivity and high dielectric strength. It's the ideal product of a new generation to replace the old "Y2M" and "P" series connectors.

Product Ordering

YP 28 Z J M 19U
 1 2 3 4 5 6

1. name: YP series circular connectors
2. shell type: 21, 28, 36, 50
3. type: T:plug, Z:receptacle
4. contact type: J:pin, K:socket
5. M:sealed receptacle, without M:plug or normal receptacle
6. contacts figure: no.19 of YP28

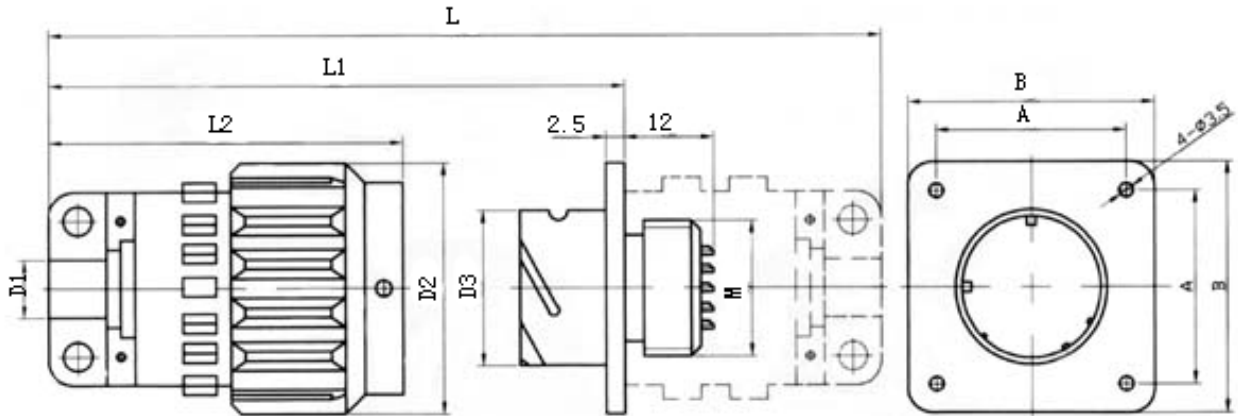
Technical characteristics

Temperature	Relative humidity	Atmosphere	Vibration	Shock	Endurance
-40℃~+125℃	(92~95)% at40±2℃	101.33KPa~1KPa	10~2000Hz, 147m/s ²	392m/s ²	500cycles

Contact ϕ	Current	Voltage	Contact resistance
ϕ 1mm	5A	500V	$\leq 6m\Omega$
ϕ 1.5mm	10A		$\leq 4m\Omega$
ϕ 2.5mm	25A		$\leq 1m\Omega$
ϕ 3.5mm	50A		$\leq 1m\Omega$
ϕ 5.5mm	100A		$\leq 1m\Omega$

Environment	Voltage proof	Insulation resistance
Normal	1500V (32, 37, 65, 81, 120 pins voltage proof is 1000V)	$\geq 1000M\Omega$
Moisture	750V	$\geq 100M\Omega$
High temperature	-	$\geq 1000M\Omega$
Low pressure	750V	-

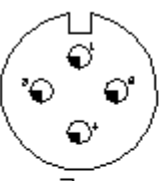
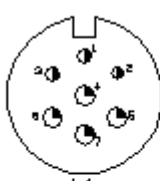
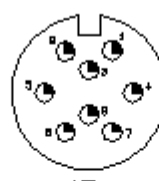
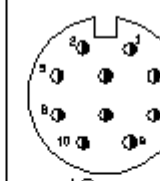
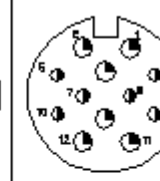
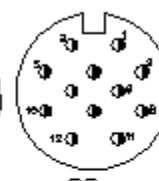
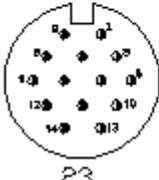
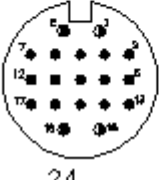
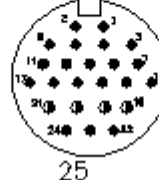
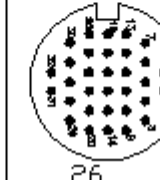
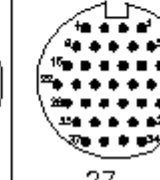
Dimensions

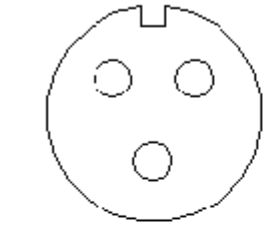
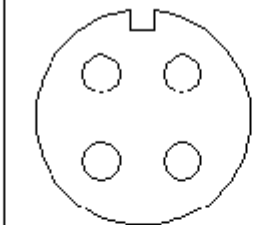
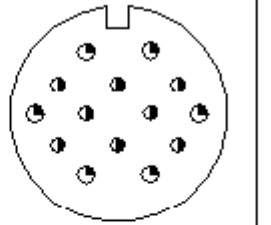
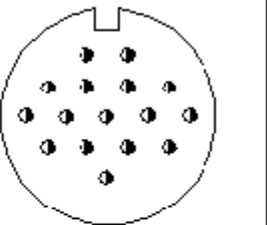
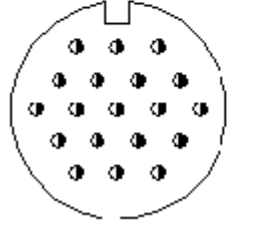
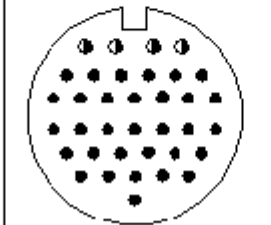
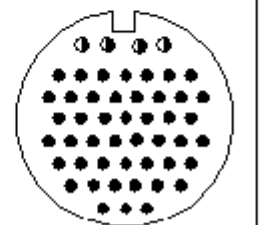
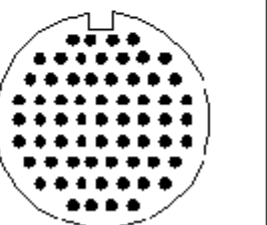


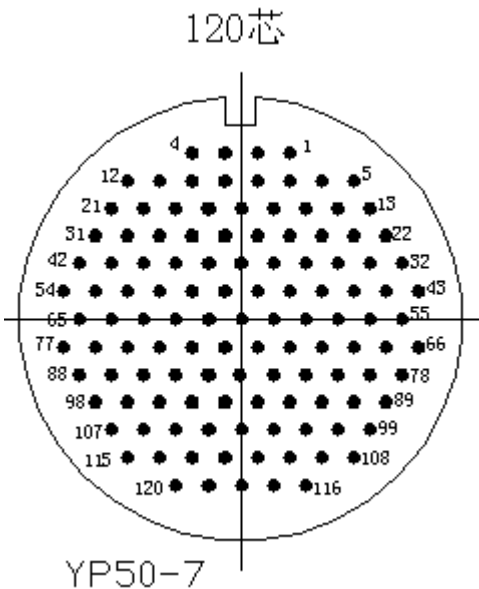
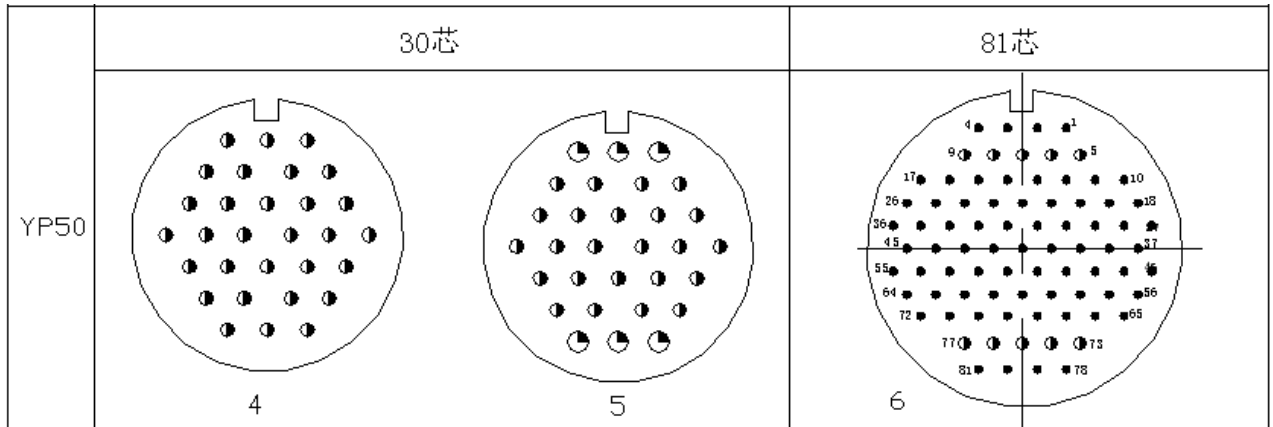
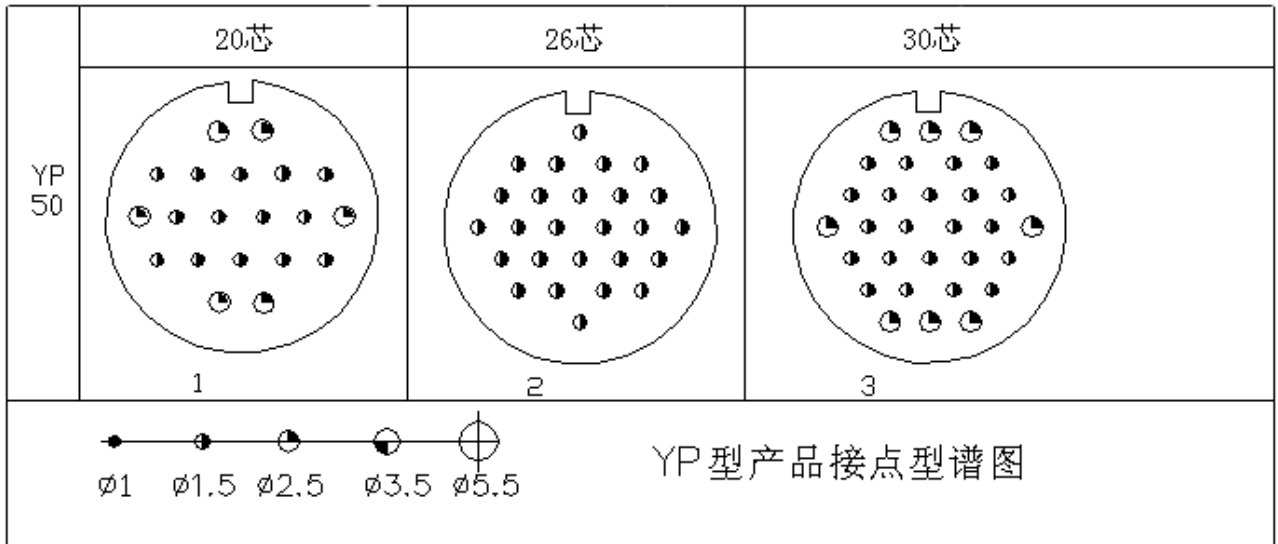
Type	Dimension			Outlook dimension					
	A	D1	M (left)	B	D2	D3	L	L1	L2
YP21	22-24	Ø9-12	M21×0.75	31	Ø31	Ø22.7	82	53	47
YP28	28-32	Ø12-18	M28×1	42	Ø38	Ø28.7	92	58	51
YP36	36-40	Ø18-26	M36×1	50	Ø46	Ø36.7	112	69	62
YP50	48-52	Ø28-40	M50×1	63	Ø60	Ø51.2	130	79	73

YP contacts figure

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YP 21	2芯	3芯	4芯		5芯		7芯
	2	3	6	8	9	10	11
	10芯	14芯					
	12	13					

YP 28	4芯	7芯	8芯	10芯	12芯	
						
	7	14	15	19	21	22
	14芯	19芯	24芯	32芯	37芯	
						
	23	24	25	26	27	

YP 36	3芯	4芯	14芯	16芯
				
	1	2	5	11
	19芯	36芯	50芯	65芯
				
	12	13	14	15



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