

P series Military connector 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, threaded coupling, good sealing performance, high conductivity and high dielectric strength. They are made according to the standard SJ/T10496. They are for military and industrial applications.



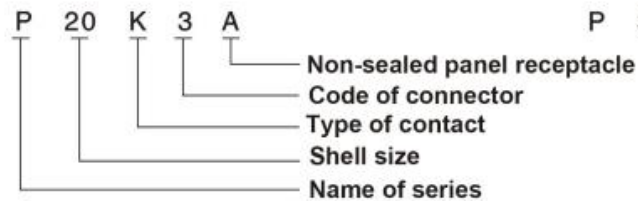
Temperature range	-55~+100℃	Insulation resistance	
Humidity	40℃, 92~98%	Normal	≥20MΩ
Shock	10~200Hz 0Hz acceleration 98m/s <sup>2</sup>	Ambient	≥2MΩ
impact	40~100/acceleration 70m/s <sup>2</sup> n/s <sup>2</sup>	Life time	500次
constant acceleration	acceleration 245m/s <sup>2</sup>		

Contact diameter (mm)		1.5	2.5	3.5	5.5
Contact resistance(mΩ)		2.5	1	0.5	0.3
Current rating (A)	Number of contacts 1-20	10	25	50	100
	Number of contacts 21-30	8	20	40	80
	Number of contacts 31-48	7	17.5	35	70

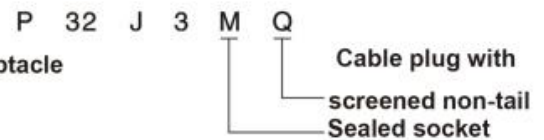
Work enviroment	Rated voltageV	Withstanding Voltage ( 50Hz Ac )
Normal	500	1500
Moisture	500	750
Low temperature	200	300

Number	Feature and contact		Mark
1	Normal circular electric connector		P
2	Shell size ( mm ) 20、28、32、40、48、55		Size number of connector
3	Pin		J
	Type of contact		K
4	Code of connector		Code of number
5	Outlet	Unseal	A
		Seal	M
	Plug		Unmark
6	Straight	Shield	P
		Unseal	Q
	Bent	Unshield	R
		Unseal	S

Electric connector P 20 K 3 A / P  
Socket



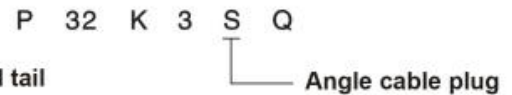
Electric connector 32 J 3 M Q / S  
Socket

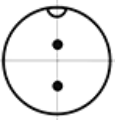
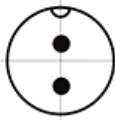

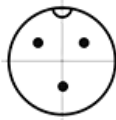

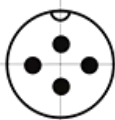
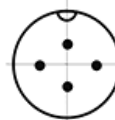
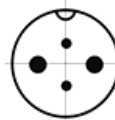
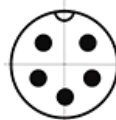
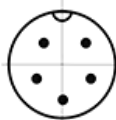
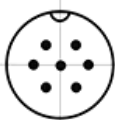


Socket



Socket



P20 Pins	2 Pins		3 Pins		
Arrangement diagram					
Code	P20K1Q P20J1Q	P20K2Q P20J2Q	P20K3Q P20J3Q	P20K4Q P20J4Q	P20K5Q P20J5Q
Contact Diameter, Pins	Ø 1.5x2	Ø 2.5x2	Ø 2.5x3	Ø 1.5x3	Ø 1.5x1 Ø 2.5x2
4 Pins			5 Pins		7 Pins
					
P20K6Q P20J6Q	P20K7Q P20J7Q	P20K8Q P20J8Q	P20K9Q P20J9Q	P20K10Q P20J10Q	P20K11Q P20J11Q
Ø 2.5x4	Ø 1.5x4	Ø 1.5x2 Ø 2.5x2	Ø 2.5x5	Ø 1.5x5	Ø 1.5x7



**Type: P20 series**

**Service life:  $\geq 500$  times**

**Mounting hole: 20mm**

**Flange hole: 22mm**

**Plug mode: screw thread**

**Connection mode: welding**

**temperature range:  $-55^{\circ}\text{C}$  -  $+70^{\circ}\text{C}$**

**Shell: Aluminium alloy**

**Contact: Silver plated copper**

**Standard: SJ/T10496-94**



**Socket**



**Plug**

