










## Core tables

the number of pins	3PIN	4PIN	10PIN	12PIN	19PIN	24PIN	RJ45	USB	Optical fiber
The PIN map									
Rated current	25A		10A		5A		1.5A		
Operating voltage	500V		400V		150V				
Withstanding Voltage	2500V				1500V		1000V		
Contact resistance	<1.0mΩ		<2.5mΩ		<5.0mΩ		<30mΩ		
Temperature rise	25A 30°C↓ ; 30A 40°C↓ ; 35A 50°C↓ ;		10A 30°C↓ ; 12A 40°C↓ ; 15A 50°C↓ ;		5A 30°C↓ ; 7A 40°C↓ ; 10A 50°C↓ ;				
Contact diameter x number	Φ3.0*3	Φ3.0*4	Φ1.5*10	Φ1.5*12	Φ1.0*19	Φ1.0*24	8PIN	9PIN&4PIN	2
Insertion force	4.5N Max.	6.0N Max.	14N Max.	16N Max.	19N Max.	22N Max.	4.5N Max.	4.5N Max.	4.5N Max.
Durability	1700times								
Screw torque	42-53(N.m) torque wrench 200(N.m)								
Working temperature	-40°C ~ +80°C								
Vibration	Frequency: 5~200Hz, amplitude: 5mm, speed: 10m/s,0.10us without instantaneous break								
Impact resistance	294m/s <sup>2</sup>								
Salt fog	PH6.5-7.2,NaCl,5% 48H								
Cable specification	2.5mm <sup>2</sup> -4mm <sup>2</sup> /12-14AWG		1.0mm <sup>2</sup> -1.5mm <sup>2</sup> /16-18AWG		0.15mm <sup>2</sup> -0.2mm <sup>2</sup> /24-26AWG				
Diameter range	The applicable scope of OD (4 - Φ Φ 14) mm with waterproof circle (Φ 7 mm, 14 mm Φ)								
Protection level	IP67								
Certification standards	Comply with the TUV and UL certification standards								