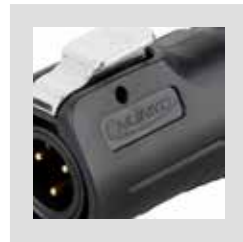




- 1: With multi-core(2-8 core) design to fit with different industrial needs.
- 2: Design snap lock ensures stable and security firm.
- 3:Humanization design achieved blind operation.
- 4:Both soldering and crimping are available.
- 5.Socket and internal made of zinc alloy,with well protected electromagnetic and radio frequency interference .
- 6.Gold-plating; high strength corrosion resistance and electrical conductivity .
- 7.Shell made of material PBT,stable electrical performance,high strength and resistance to pressure,high temperature resistance ,anti-explosion,anti-corrosive.
- 8.Both cable connector to cable connector and cable connector to panel mounting are available.
- 9.IP65/IP67 when mated.
- 10.Please indicate if you need the IP level more high.



Unique CNLINKO design



Gold-plating copper



Groove female design



Unique design reinforce lock

Pin Number		2Pin	3Pin	4Pin
PICTURE AND PART NO.	Male plug& Female socket	 LP-12-C02PE-02-001 Male plug	 LP-12-C03PE-02-001 Male plug	 LP-12-C04PE-02-001 Male plug
		 LP-12-J02PP-02-001 Female connector	 LP-12-J03PP-02-001 Female connector	 LP-12-J04PP-02-001 Female connector
		 LP-12-J02SX-03-001 Female socket	 LP-12-J03SX-03-001 Female socket	 LP-12-J04SX-03-001 Female socket
				
Cable specification		≤0.785M㎡/18AWG		
Diameter range		Φ3mm ~ Φ7mm		
Contact diameter × number		Φ1.5×3	Φ1.0×3	Φ1.0×4
Rated Current (A)		5A		
Operating voltage (AC.V.rms)		250V		
Contact resistance		<5mΩ		
Temperature rise		5A contact temperature below 30℃ 7A.....40℃↓ , 10A.....50℃↓.		
Withstanding Voltage (AC.V) 1 minute		1500V		
Insulation resistance		> 500MΩ		
Protection level		IP65/IP67		
Durability		≥500times		
Working temperature		-40℃ ~ 80℃		
Connecting mode		Easy locking type		
Assembly wire		Soldering/Crimping		
MATERIALS				
Housing&insulation parts		High-performance engineering plastics		
Hardware		Zinc alloy (pearl hard chrome)		
cooper pins		Copper alloy (gold-plated 4U)		
waterproof cover		Silica gel		
Flammability rating		UL94-V0		

LP-12 SERIES SPECIFICATIONS SHEET

Pin Number		5Pin	6Pin	7Pin	8Pin
PICTURE AND PART NO.	Male plug& Female socket				
		LP-12-C05PE-02-001 Male plug	LP-12-C06PE-02-001 Male plug	LP-12-C07PE-02-001 Male plug	LP-12-C08PE-02-001 Male plug
					
		LP-12-J05PP-02-001 Female connector	LP-12-J06PP-02-001 Female connector	LP-12-J07PP-02-001 Female connector	LP-12-J08PP-02-001 Female connector
					
		LP-12-J05SX-03-001 Female socket	LP-12-J06SX-03-001 Female socket	LP-12-J07SX-03-001 Female socket	LP-12-J08SX-03-001 Female socket
					
Cable specification	≤0.785mm ² /18AWG				
Diameter range	Φ3mm ~ Φ6mm				
Contact diameter × number	Φ1.0×5	Φ0.8×6	Φ0.8×7	Φ0.8×8	
Rated Current (A)	5A	3A			
Operating voltage (AC.V.rms)	250V	200V			
Contact resistance	<5mΩ				<10mΩ
Temperature rise	7A.....40℃↓ , 10A.....50℃↓.				/
Withstanding Voltage (AC.V) 1 minute	1500V	1500V			
Insulation resistance	> 500MΩ				
Protection level	IP65/IP67				
Durability	≥500times				
Working temperature	-40℃ ~ 80℃				
Connecting mode	Easy locking type				
Assembly wire	Soldering/Crimping				
MATERIALS					
Housing&insulation parts	High-performance engineering plastics				
Hardware	Zinc alloy (pearl hard chrome)				
cooper pins	Copper alloy (gold-plated 4U)				
waterproof cover	Silica gel				
Flammability rating	UL94-V0				

CONNECTION SCHEMES



DIMENSION FIGURE

