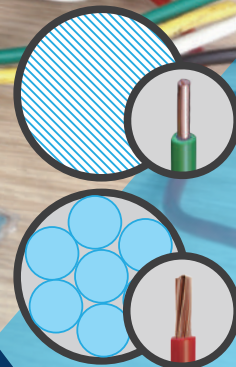


*Twist-free,  
Tape-free,  
Tool-free*



**Solid Wire  
22-12AWG**

**Stranded Wire  
22-14AWG**

# Push-in Connectors

Hua Wei's push-in connectors providing a visual termination for 22 - 12 AWG solid wires. With color-coded precision, identifying connections is a walk in the park, while the compact size ensures a seamless fit into tight spaces. Ideal for various applications, including lighting installations, pre-fabricated wiring systems, and branch circuit wiring.

Say goodbye to complicated twisting – push your way to rapid, reliable connections with our compact and clear choice push-in connectors. Your go-to solution for any splicing job, Hua Wei's push-in connectors redefine convenience in electrical installations.

Comply with the standard UL 486C.



## Hua Wei Series Products are Complete and Feature Exceptional Qualities:

- The [PIC21 series](#) is the smallest and lightest on the market, suitable for use in narrow junction boxes.
- The [PIC33 series](#) is ergonomically designed, performing better on stranded wires.
- The [PIC35 series](#) uses double spring clips, ensuring greater safety and reliability.
- The [PIC86 series](#) is suitable for large wire diameters.

*Choose Efficiency  
Choose Reliability*

*Choose Hua Wei's Push-in Connectors*



PIC21 series



PIC33 series



PIC35 series



PIC86 series

# Push-in Connectors

## FEATURES:

- Tool-free! No-Twist! Poke-in Wire Save Installation Time
- Simplified Design and Compact Size Helps in Tight Locations
- Check Port Design Provides Continuity Testing
- Secure Connection, Minimizing Unintentional Disconnection, and Restricting Pullouts

## APPLICATIONS:

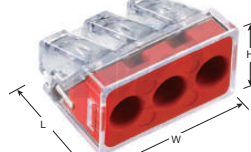
- For Grounding and Bonding Applications. Use in Building, Appliance, Lighting Wiring and Junction Boxes

### PIC21 Series

### PIC33 Series

### PIC35 Series

### PIC86 Series



Part No.	Length (L)	Width (W)	Height (H)	Rated voltage(V)		Rated Current(A)	Solid Conductor Wire Range		Stranded Conductor Wire Range		Operating Temperature (°C)		Housing Material	Ports	Color
	mm (inch)	mm (inch)	mm (inch)	UL	IEC/EN	IEC/EN	mm <sup>2</sup>	AWG	mm <sup>2</sup>	AWG	UL	IEC/EN			
PIC21-2	16.0 (0.63)	10.5 (0.41)	7.5 (0.30)	600	450	24	0.5-2.5	22-12	0.5-2.5	22-14	105	85	Polycarbonate (PC), UL 94V-0	2	Red
PIC21-3	16.0 (0.63)	15.0 (0.59)	7.5 (0.30)	600	450	24								3	Orange
PIC21-4	16.0 (0.63)	19.4 (0.76)	7.5 (0.30)	600	450	24								4	Yellow
PIC21-5	16.0 (0.63)	23.7 (0.93)	7.5 (0.30)	600	450	24								5	Grey
PIC21-6	16.0 (0.63)	28.2 (1.11)	7.5 (0.30)	600	450	24								6	Purple
PIC21-12	15.8 (0.62)	25.6 (1.01)	12.6 (0.50)	NA	450	24								12	Blue
PIC33-2	18.5 (0.73)	11.1 (0.44)	9.4 (0.37)	600	450	24	0.5-4.0	22-12	0.5-2.5	22-14	105	85	Polycarbonate (PC) polypropylene (PP), UL 94V-2	2	Red
PIC33-3	18.5 (0.73)	15.5 (0.61)	9.4 (0.37)	600	450	24								3	Orange
PIC33-4	18.5 (0.73)	19.9 (0.78)	9.4 (0.37)	600	450	24								4	Yellow
PIC33-5	18.5 (0.73)	24.3 (0.96)	9.4 (0.37)	600	450	24								5	Blue
PIC35-2	16.5 (0.65)	10.8 (0.43)	7.7 (0.30)	600	450	24	0.5-2.5	22-12	1.0-2.5	22-14	105	85	Polycarbonate (PC), UL 94V-0	2	Yellow
PIC35-3	16.5 (0.65)	15.1 (0.59)	7.7 (0.30)	600	450	24								3	Orange
PIC35-4	16.5 (0.65)	19.4 (0.76)	7.7 (0.30)	600	450	24								4	Transparent
PIC35-5	16.5 (0.65)	23.7 (0.93)	7.7 (0.30)	600	450	24								5	Blue
PIC35-6	16.5 (0.65)	28.0 (1.10)	7.7 (0.30)	600	450	24								6	Purple
PIC35-8	16.5 (0.65)	36.6 (1.44)	7.7 (0.30)	600	450	24								8	Black
PIC86-3	20.1 (0.79)	25.5 (1.00)	14.2 (0.56)	N/A	450	41	2.5-6.0	N/A	N/A	N/A	N/A	85	Polycarbonate (PC) Polyamide (PA), UL 94V-0	3	Red

## INSTALLATION INSTRUCTIONS:

1. Wiring must comply with all applicable electrical codes.
2. Turn OFF power before removing or installing connectors.
3. Strip wires 11 mm (0.43 inches).
4. Grip wire firmly and push conductor into open port. Slightly twist stranded wire counter clockwise while inserting. Use only one conductor per port.
5. Verify conductor is fully inserted to the back of the connector.
6. Test connection through the slot with a voltage tester.
7. To correct or change a wire, pull and twist it back and forth.
8. Connector is reusable on solid wires of the same wire gauge or larger. If reusing connector, cut and re-strip conductors.



**STRIP » PUSH » CONNECT**

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