

### Testing requirements:

- 1, Internal Voltage 2000V External Voltage 4000V  
Insulation resistance: 100MΩ  
Leakage current: 5mA
- 2, Withstand Voltage AC2000V
- 3, 100% Conduction. Polarity. High voltage. Insulation. Short/open circuit. Resistance test
- 4, Protection rank: IP55
- 5, Other test are compliant according to IEC62196-2 standard



Type 2 Vehicle Connector to Type 2 Plug  
H07BZ5-F 5\*6mm<sup>2</sup>+2\*0.5mm<sup>2</sup>

Testing requirements:	
Rated voltage	AC 480V
Rated Current	32A
Insulation resistance	≥100MΩ
Withstand voltage	2000V AC
Rated power	22KW
Contact impedance	0.5mΩ
Terminal temperature rise	≤50K
Operating temperature	(-35°C ~ +50°C)
Compled insertion force	>45N<80N
Mechanical life	Plug in and out ≥ 10000 times
Impact of external force	Can withstand 1M drop and 2T vehicle rolling
Protection rank	IP55
Fire retardant level	UL94 V-0

### Vehicle side

5000±100MM

