

## 1-1703818-1 4P 2.8 Male Group B Black Connctor



**Product Description: Overview:** Tit: Power trains for electric vehicles use batteries and motors instead of internal combustion engines, which have also had a series of impacts on automotive HVAC (Heating, Ventilation, Air Conditioning) systems.

### Product Details

#### Product Description:

Original part Number:	1-1703818-1
LHE Part Number:	128000411351
Number of Positions:	4
Contact Tab Size Series:	2.8
Size (MM):	L48.1 W29.1 H27
Seal or Unseal:	Seal

#### Overview:

Certification:	TUV, IATF16949, ISO14001, ISO9001, CQC, UL, RoHS
MOQ:	Most product not have MOQ, Small order can be accepted.
Sample service:	Free Samples
Delivery Time:	3-5 Days
Quality Control	All goods will be 100% inspected before dispatched
Payment:	T/T, Western Union, MoneyGram, PayPal; 30% deposits; 70% balance before delivery.
Shipment:	DHL/FedEx/TNT/UPS/EMS/Aramex/SF for samples, By Air or by Sea for batch goods; Airport/ Port receiving.

When the contact is inserted into the base from the direction of the arrow and passes through the "fixed hanging table", the "elastic barb" of the contact is deformed. The "elastic barb" allows the lower end of the "fixed hanging table" to rebound and hang on the "Fixed hanging platform" to play a non-return function. At the same time, the inner hole surface of the base restricts the movement and rotation of the contact in other directions. So as to achieve the effect of support and fixation. When designing, the width of the elastic barbs must be smaller than the width of the fixed hanging platform, and the barbs need to meet a certain strength. The main reason is that the cooperation between the barbs and the hanging platforms must meet the requirements of the terminal's holding force in the base. When the terminal is double barbed, the base also needs to be designed with a double-sided hanging platform. For example, the current composite insert or jack adopts this structure.

Another type of structure is that the contact uses a window and the base uses an elastic support hanging table.

When the contact is inserted into the base from the direction of the arrow and passes through the "elastic support hanging table", the base "elastic support hanging table" is deformed, and the upper end of the "window" keeps the top and bottom of the "elastic support hanging table". After not touching the lower end of the "elastic support hanging platform", the elastic support rebounds and hangs in the "window", which acts as a backstop. At the same time, the inner hole surface of the base restricts the movement and rotation of the contact in other directions. In order to achieve the effect of support and fixation. The design must ensure that the hanging platform is smaller than the window size, the strength of the hanging platform must meet the requirements, and the distance between the plane of the base and the upper limit plane must be greater than the distance between the upper end of the window and the upper end of the terminal.