

YG378 connector

The connector apply to power transmission inter-battery boxes for varies electric vehicle.

Material information					
No.	Specification	Part number	Foolproof	Qty	Remark
1	YGC378-EV-S19P插头	YG378-12-00-00A/1	5 keys polarization	1	19 pin plug
2	YGC378-EV-P19R插座	YG378-211-00-00A/1	5 keys polarization	1	19 pin receptacle
3	Φ1.0A Wire spring socket	YG378-12-00-04A			Order separately
4	Φ1.0A Pin	YG378-211-00-02A			Order separately
5	Φ1.0 Sealing plug	YG378-00-00-49			Order separately

Technical parameters:

Electrical Features

Contact resistance: Φ1.0 contacts ≤5mΩ

Max working current: Φ1.0 contacts 5A

Rated voltage: 500V AC/DC

Withstand voltage: 1500V 50Hz AC

Insulation resistance: ≥5000MΩ

Environment features:

Working temperature: -55℃~150℃

Relative humidity: 95% (at 40℃)

Protection degree: IP67

Shock: 450m/s²

Material introduction:

YG378 19pin connector with crimping wire spring, there are 5 key position of N, W, X, Y, Z optional, to avoid misplug with similar connector with different function. N position of connector is normal.



Mechanical Features:

Service life: ≥1000 cycles

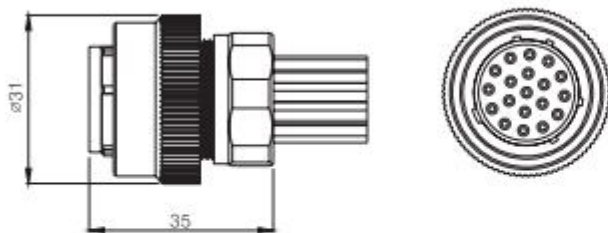
Vibration: 10-2000 Hz, acceleration 147m/s²

Single pin separate force:

Φ1.0 contacts pair, 0.4N-1.0N

Overall Dimension

YGC378-EV-S19P插头



YGC378-EV-P19R插座

