

Hybrid & Electric Motorcycle Connectors

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FE SERIES 2-CORE 40A+6PIN SIGNAL CONNECTOR

Electrical Performance

Rated Current	40A
Rated Voltage	500V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	2000V (AC) / 3000V (DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	Power: 6mm ² / Signal: 20AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 2-CORE 60A+6PIN SIGNAL CONNECTOR

Electrical Performance

Rated Current	60A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V (AC) / 4800V (DC)

Mechanical Performance

Mating Cycles	5000+
Wire Range	Power: 8AWG / Signal: 20AWG

Environmental Performance

IP Class	IP67 (Socket waterproof when unmated)
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 2-CORE 55A+9PIN SIGNAL CONNECTOR

Electrical Performance

Rated Current	55A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V (AC) / 4800V (DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	Power: 8mm² / Signal: 20AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 2-CORE 70A+9PIN SIGNAL CONNECTOR

Electrical Performance

Rated Current	70A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V (AC) / 4800V (DC)

Mechanical Performance

Mating Cycles	500 ~ 3000
Wire Range	Power: 10mm ² / Signal: 20AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 2-CORE 150A+8PIN SIGNAL CONNECTOR

Electrical Performance

Rated Current	100A / 125A / 150A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V (AC) / 4800V (DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	Power: 16-35mm ² / Signal: 16-22AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 2+1+5 PIN CONNECTOR

Electrical Performance

Rated Current	55A MAX
Rated Voltage	1000V DC
Insulation Resistance	500MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V (AC) / 4800V (DC)

Mechanical Performance

Mating Cycles	3000+
Wire Range	Power: 9AWG MAX / Signal: 20AWG MAX

Environmental Performance

IP Class	IP67 (mated)
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 23-CORE SIGNAL CONNECTOR

Electrical Performance

Rated Current	3 ~ 7A
Rated Voltage	300V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	2000V (AC) / 3000V (DC)

Mechanical Performance

Mating Cycles	Machined terminal: 3000 / Stamped terminal: 500
Wire Range	18 ~ 22AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 2-CORE 120A + 8-CORE SIGNAL CONNECTOR

Electrical Performance

Rated Current	120A MAX
Rated Voltage	1000V DC
Insulation Resistance	500MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V (AC) / 4800V (DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	Power: 25mm ² MAX / Signal: 20AWG MAX

Environmental Performance

IP Class	IP67 (mated)
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE STRAIGHT SIGNAL CONNECTOR (2C + 8C1.0 + 1C3.6)

Electrical Performance

Rated Current	120A ~ 200A
Rated Voltage	1000V DC
Insulation Resistance	500MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V (AC) / 4800V (DC)

Mechanical Performance

Mating Cycles	500 ~ 5000
Wire Range	Power: 25~50mm ² / Signal: 20AWG

Environmental Performance

IP Class	IP67 (mated)
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FLV HYBRID CONNECTOR (2+8/2+14)

Electrical Performance

Rated Current	80A / 100A
Rated Voltage	600V AC / 1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	2200V AC / 4800V DC

Mechanical Performance

Mating Cycles	500+
Wire Range	10 ~ 16mm ²

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle mounted low-voltage plastic connector, which is used to connect components such as vehicle charger, battery pack and battery.

Reference Standard

USCAR-2 / USCAR-37

FE STRAIGHT 2+6 PIN RIGHT-ANGLE CONNECTOR VERSION A

Electrical Performance

Rated Current	50A
Rated Voltage	72V AC (Signal) / 125V DC (Power)
Insulation Resistance	500MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V AC / 4800V DC

Mechanical Performance

Mating Cycles	3000+
Wire Range	Power: 10AWG MAX / Signal: 20AWG MAX

Environmental Performance

IP Class	IP67 (mated)
Operation Temperature	-40°C ~ +105°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 4-CORE SIGNAL1.6 TERMINAL CONNECTOR

Electrical Performance

Rated Current	5 ~ 13A
Rated Voltage	300V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	1600V (AC) / 2500V (DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	16 ~ 20AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 7-CORE SIGNAL1.6 TERMINAL CONNECTOR

Electrical Performance

Rated Current	5 ~ 13A
Rated Voltage	300V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	1600V (AC) / 2500V (DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	16 ~ 20AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-45°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 2C3.6+1C2.0+4C1.0 CONNECTOR

Electrical Performance

Rated Current	Power: 2C60A / Signal: 4C5A, 1C15A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V AC / 4800V DC

Mechanical Performance

Mating Cycles	500+
Wire Range	Power: 8mm ² / Signal: 4C20AWG, 1C14AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-45°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 12-CORE SIGNAL CONNECTOR

Electrical Performance

Rated Current	3 ~ 7A
Rated Voltage	300V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	1600V (AC) / 2500V (DC)

Mechanical Performance

Mating Cycles	Machined terminal: 3000 / Stamped terminal: 500
Wire Range	18 ~ 22AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 2C1.5-8MM² CONNECTOR

Electrical Performance

Rated Current	Power: 10 ~ 55A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V (AC) / 4800V (DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	1.5 ~ 8mm ²

Environmental Performance

IP Class	IP67
Operation Temperature	-45°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 3C1.5-4MM² CONNECTOR

Electrical Performance

Rated Current	Power: 10A ~ 20A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V (AC) / 4800V (DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	1.5 ~ 4mm ²

Environmental Performance

IP Class	IP67
Operation Temperature	-45°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES WIRE-TO-WIRE CONNECTOR SOCKET

Electrical Performance

Rated Current	3 ~ 13A
Rated Voltage	300V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	1600V (AC) / 2500V (DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	16 ~ 22AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-45°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 4C1.5-4MM² CONNECTOR

Electrical Performance

Rated Current	Power: 10A ~ 20A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V (AC) / 4800V (DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	1.5 ~ 4mm²

Environmental Performance

IP Class	IP67
Operation Temperature	-45°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FE SERIES 2+4 CONNECTOR

Electrical Performance

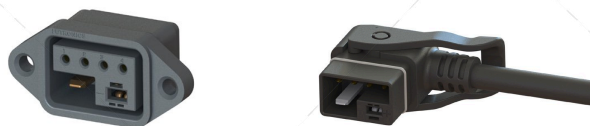
Rated Current	13A / 5A
Rated Voltage	DC 600V / 300V
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3200V / 1600V

Mechanical Performance

Mating Cycles	5000+
Wire Range	Power: 1.5mm ² / Signal: 0.5mm ²

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	48H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

GB 42296-2022

FE SERIES 2C200A+8C1.0 SIGNAL CONNECTOR

Electrical Performance

Rated Current	200A MAX
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V AC / 4800V DC

Mechanical Performance

Mating Cycles	5000+
Wire Range	Power: 50mm ² MAX / Signal: 20AWG

Environmental Performance

IP Class	IP67 (mated)
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

400A HYBRID CONNECTOR

Electrical Performance

Rated Current	350A
Rated Voltage	1000V DC
Insulation Resistance	500MΩ MIN (AT 25°C)
Test Voltage	3000V AC (working voltage 1000V DC) / 1000V AC (working voltage 100V DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	Power: 120mm ² / Heating: 2.5-16mm ² / Earth: 2.5-16mm ² / Signal: 0.35-0.75mm ²

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	48H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FSP 3.6 HYBRID CONNECTOR STAMPING

Electrical Performance

Rated Current	45A / 70A / 80A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V AC (working voltage 1000V DC) / 1000V AC (working voltage 100V DC)

Mechanical Performance

Mating Cycles	1000+
Wire Range	Power: 2.5-16mm ² / Signal: 0.35-0.75mm ²

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	48H (mated)



Applications

The product is Hybrid connector, which is used for family laminated energy storage box, laminated energy storage box, or low-speed vehicle battery swap.

Reference Standard

USCAR-2

FSP 3.6 HYBRID CONNECTOR

Electrical Performance

Rated Current	45A / 65A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	Power terminals: 3000V AC / Other terminals: 1000V AC

Mechanical Performance

Mating Cycles	1000+
Wire Range	Power terminal: 6-10mm ²

Environmental Performance

IP Class	IP67 / TYPE-6
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is Hybrid connector, which is used for family laminated energy storage box, laminated energy storage box, or low-speed vehicle battery swap.

Reference Standard

QCT-1067 / UL-1977 / UL-2238 / CSA C22.2 NO.182.3

FSP 4-CORE 10.0 HYBRID CONNECTOR

Electrical Performance

Rated Current	250A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V AC (working voltage 1000V DC) / 1000V AC (working voltage 100V DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	Power terminal: 50-70mm ² / Signal: 0.75-1.5mm ²

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	48H (mated)



Applications

The product is Hybrid connector, which is used for family laminated energy storage box, laminated energy storage box, or low-speed vehicle battery swap.

Reference Standard

USCAR-2

FPS 6.0 HYBRID CONNECTOR

Electrical Performance

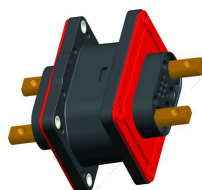
Rated Current	150A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	Power terminals: 3000V AC / Other terminals: 1000V AC

Mechanical Performance

Mating Cycles	1000+
Wire Range	Power terminal: 16-25mm ²

Environmental Performance

IP Class	IP67 / TYPE-6
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is Hybrid connector, which is used for family laminated energy storage box, laminated energy storage box, or low-speed vehicle battery swap.

Reference Standard

QCT-1067 / UL-1977 / UL-2238 / CSA C22.2 NO.182.3

FSP 8.0 HYBRID CONNECTOR

Electrical Performance

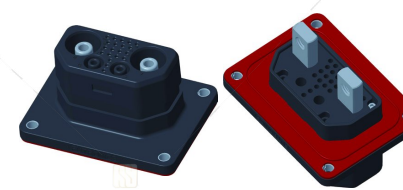
Rated Current	200A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V AC (working voltage 1000V DC) / 1000V AC (working voltage 100V DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	Power: 25-50mm ² / Signal: 0.75-1.5mm ²

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	48H (mated)



Applications

The product is Hybrid connector, which is used for family laminated energy storage box, laminated energy storage box, or low-speed vehicle battery swap.

Reference Standard

USCAR-2

FSP 6.0 HYBRID CONNECTOR (STAMPING)

Electrical Performance

Rated Current	120A / 150A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V AC (working voltage 1000V DC) / 1000V AC (working voltage 100V DC)

Mechanical Performance

Mating Cycles	1000+
Wire Range	Power: 25-35mm ² / Signal: 0.35-0.75mm ²

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	48H (mated)



Applications

The product is Hybrid connector, which is used for family laminated energy storage box, laminated energy storage box, or low-speed vehicle battery swap.

Reference Standard

USCAR-2

FSP 10.0 HYBRID CONNECTOR

Electrical Performance

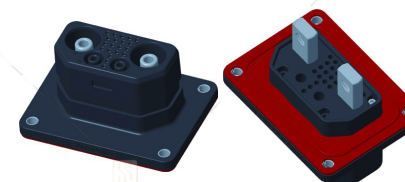
Rated Current	250A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V AC (working voltage 1000V DC) / 1000V AC (working voltage 100V DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	Power terminal: 50-70mm ² / Signal: 0.75-1.5mm ²

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	48H (mated)



Applications

The product is Hybrid connector, which is used for family laminated energy storage box, laminated energy storage box, or low-speed vehicle battery swap.

Reference Standard

USCAR-2

FSP 3.6 SINGLE CORE CONNECTOR

Electrical Performance

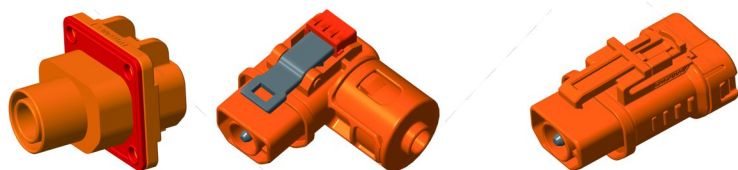
Rated Current	45A / 70A
Rated Voltage	1500V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	4000V (AC) / 6400V (DC)

Mechanical Performance

Mating Cycles	500+
Wire Range	6 ~ 10mm ²

Environmental Performance

IP Class	IP67B
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is energy storage plastic connector, which is used for high-voltage connection between components such as energy storage cabinet, energy storage station, mobile energy storage vehicle, photovoltaic power station, etc.

Reference Standard

PPP-51090A / USCAR-2 / USCAR-37

FSP3.6 MULTI-CORE MIXED INTERIOR CONNECTOR (4+1+24 STAMPED VERSION)

Electrical Performance

Rated Current	Power: 20A/35A/45A/65A/90A / Ground: 30A~40A / Signal: 3A/5A/8A
Rated Voltage	1000V
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V AC (working voltage 1000V DC) / 1000V AC (working voltage 100V DC)

Mechanical Performance

Mating Cycles	1000+
Wire Range	Power: 2.5/4/6/10/16mm ² / Ground: 4-6mm ² / Signal: 0.35/0.5/0.75mm ²

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is a mixed connector, and the product is used for family stacked energy storage box, stacked energy storage box, or low-speed vehicle battery swapping.

Reference Standard

USCAR-2

FSP 3.6 CORE HYBRID MIX PRETEND CONNECTOR 4+1+24 (STAMPING)

Electrical Performance

Rated Current	Power: 20A/35A/45A/65A/90A / Ground: 30A~40A / Signal: 3A/5A/8A
Rated Voltage	1000V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	3000V AC (working voltage 1000V DC) / 1000V AC (working voltage 100V DC)

Mechanical Performance

Mating Cycles	1000+
Wire Range	Power: 2.5/4/6/10/16mm² / Ground: 4-6mm² / Signal: 0.35/0.5/0.75mm²

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is a mixed connector, and the product is used for family stacked energy storage box, stacked energy storage box, or low-speed vehicle battery swapping.

Reference Standard

USCAR-2

FLP SERIES 4-CORE CONNECTOR

Electrical Performance

Rated Current	22AWG 3A / 20AWG 5A / 18AWG 7A
Rated Voltage	300V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	1600V AC / 2500V DC

Mechanical Performance

Mating Cycles	1000+
Wire Range	18 ~ 22AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FLP SERIES 8-CORE CONNECTOR

Electrical Performance

Rated Current	22AWG 3A / 20AWG 5A / 18AWG 7A
Rated Voltage	300V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	1600V (AC) / 2500V (DC)

Mechanical Performance

Mating Cycles	1000+
Wire Range	18 ~ 22AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FLP SERIES 19 CORE CONNECTOR

Electrical Performance

Rated Current	22AWG 3A / 20AWG 5A / 18AWG 7A
Rated Voltage	300V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	1600V (AC) / 2500V (DC)

Mechanical Performance

Mating Cycles	1000+
Wire Range	18 ~ 22AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FLP SERIES 14 CORE CONNECTOR

Electrical Performance

Rated Current	22AWG 3A / 20AWG 5A / 18AWG 7A
Rated Voltage	300V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	1600V (AC) / 2500V (DC)

Mechanical Performance

Mating Cycles	1000+
Wire Range	18 ~ 22AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FLP 23-CORE CONNECTOR

Electrical Performance

Rated Current	22AWG 3A / 20AWG 5A / 18AWG 7A
Rated Voltage	300V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	1600V AC / 2500V DC

Mechanical Performance

Mating Cycles	1000+
Wire Range	18 ~ 22AWG

Environmental Performance

IP Class	IP67
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2

FLP SERIES 8/14/19-CORE CONNECTOR (T-TYPE BACK COVER PLUG)

Electrical Performance

Rated Current	22AWG 3A / 20AWG 5A / 18AWG 7A
Rated Voltage	300V DC
Insulation Resistance	5000MΩ MIN (Dry) / 200MΩ MIN (RH 95%)
Test Voltage	1600V AC / 2500V DC

Mechanical Performance

Mating Cycles	1000+
Wire Range	18 ~ 22AWG

Environmental Performance

IP Class	IP67 (mated)
Operation Temperature	-40°C ~ +125°C
Salt Spray Requirement	144H (mated)



Applications

The product is vehicle connector, which is used for the connection between electric vehicle or electric motorcycle parts.

Reference Standard

USCAR-2



Thank You

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