



JST

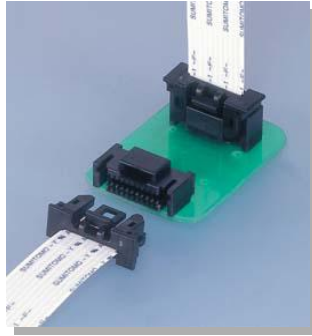
Automotive Connectors

FOX connector

1.25mm pitch

[Current rating]
1.5A

[Voltage rating]
12V

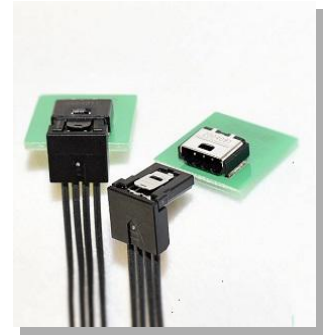


The FOX connector for FFC achieves high operability on the automobile assemble process. In addition, locking structure is provide on the FFC side to improve reliability of the connector.

CULH connector

1.8mm pitch

[Current rating]
5A



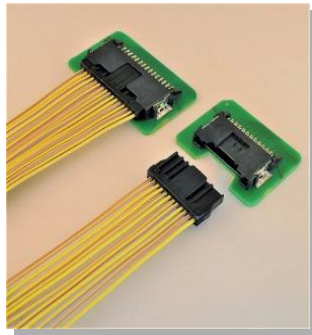
Smallest SMT connector in the world which can be used in automotive application (Height: 3.5mm)

CMEC connector

2mm pitch

[Current rating]
3A

[Voltage rating]
Withstanding voltage: 1,000
VAC/minute



0.5 terminal unseal W-B connector Developed in pursuit of miniaturization and low profile as surface mounting type connector for automotive.

CPM connector

2mm pitch

[Type]
Board to wire, Non-waterproof

[Current rating]
3A



Miniaturized and low profile surface mounting type connector for automotive. 0.50 terminal with 2.0 mm pitch realized its miniaturization.

CPT connector

2mm pitch

[Current rating]
3A (0.3sq.mm, Single circuit)

[Voltage rating]
50V



Developed in pursuit of miniaturization and low profile as PC board connector for automobile. This connector is surface mounting type connector having the spring structure on male terminal disproving the conventional concept.

MEC connector

2mm pitch

[Current rating]
3A (0.3sq.mm)

[Voltage rating]
50V



Developed in pursuit of miniaturization and low profile as surface mounting type connector for automotive. 0.50 terminal with 2.0 mm pitch realized miniaturization.

PAMU connector

2mm pitch

[Type]
Inertial lock structure
Board to wire, Non-waterproof

[Current rating]
3A (AWG#22)
1A (AWG#26)



Available in various fields as a MU (multi-use) connector with a mix of automotive and consumer characteristics.

ULH connector

2mm pitch

[Current rating]
5A



This SMT connector that achieves the world's smallest class connector height of 3.5 mm as a crimped specification while having performance that meets the in-vehicle standards USCAR-2 and LV214.

ULH connector Right Angle Type

2mm pitch

[Current rating]
5A

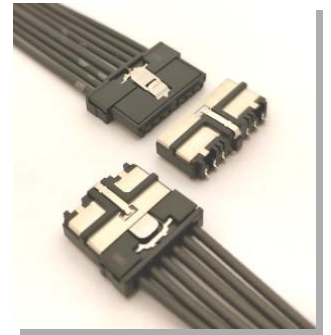


This SMT connector that achieves the world's smallest class connector height of 3.5 mm as a crimped specification while having performance that meets the in-vehicle standards USCAR-2 and LV214.

ULH connector eCPA Type

2mm pitch

[Current rating]
5A



This SMT connector that achieves the world's smallest class connector height of 3.5 mm as a crimped specification while having performance that meets the in-vehicle standards USCAR-2 and LV214. Electrical CPA type provides unprecedented connection reliability by providing incomplete mating detection function.

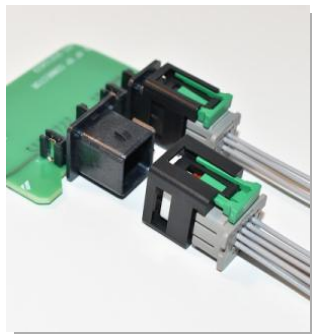
WMCB connector

2mm pitch

[Type]
Board to wire, Waterproof
Others

[Current rating]
3A

[Voltage rating]
Withstanding voltage: 1,000
VAC/minute



Developed in pursuit of miniaturization and water-proof as surface mounting type connector for automotive. To realize miniaturization and high reliability with the 0.50 terminal and CPA design.

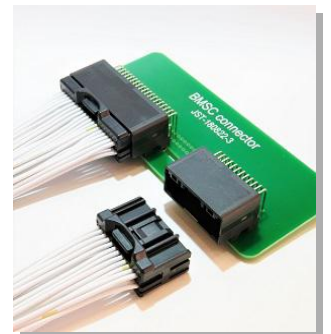
BMSC connector

2.2mm pitch

[Type]
Crimp style, Double-row, With
secure locking device

[Current rating]
5A (0.5sq.mm, Single circuit)

[Voltage rating]
Withstanding voltage: 1,000
VAC/minute



0.64 terminal, 2.2 mm pitch dual-row, board-to-wire connector for automotive applications.

HIC connector

2.2mm pitch

[Type]
Disconnectable type

[Current rating]
5A (0.5sq.mm, Single circuit)

[Voltage rating]
14V



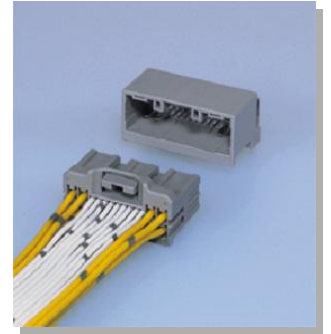
This wire-to-wire connector for air-bag has CPA, which allows locking the connector, incomplete mating detection and release of short-circuit at the same time.

SHC connector

2.2mm pitch

[Current rating]
7A (0.5sq.mm, Single circuit)

[Voltage rating]
50V



This connector is a small connector that can be widely used for the wiring for automotive electrical equipment. There are 2 kinds of connector for signal and hybrid type for signal and power supply.

AIT connector

2.54mm pitch

[Current rating]
MAX 5A

[Voltage rating]
14V



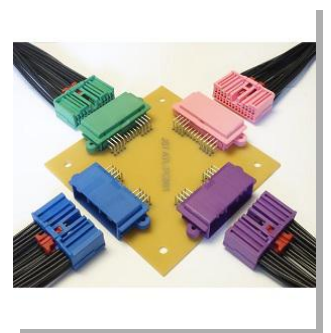
0.64 unsealed connector series compliant with the standard USCAR footprints. Variations of Keying / Color options and PC Board mounting features are available to satisfy customer's needs.

ATLF connector

2.54mm pitch

[Current rating]
5A

[Voltage rating]
14V



21 Circuits 0.64 Unsealed Connector System with CPA and ISL TPA. Ultra low profile design for high density PCB placement with multiple key codes.

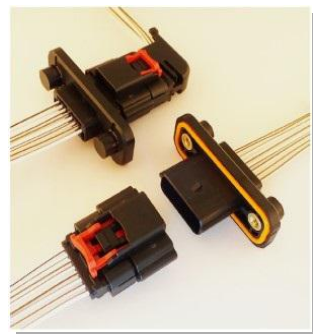
ATSS connector

2.54mm pitch

[Type]
Crimp style, Waterproof connector
Crimp style, Thin type

[Current rating]
MAX 5A

[Voltage rating]
Withstanding voltage: 1,000 VAC/minute



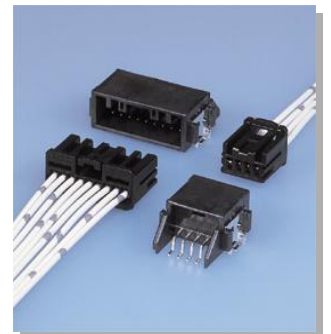
Low profile 0.64 mm USCAR Sealed Connectors for automotive applications.

HCH connector

2.54mm pitch

[Current rating]
5A (0.5sq.mm, Single circuit)

[Voltage rating]
50V



2.54mm pitch, 0.64 unsealed connector for automotive corresponding to the surface mounting.

HCM connector

2.54mm pitch

[Current rating]
5A

[Voltage rating]
14V



0.64 unsealed, low profile, miniaturized connectors for automobile applications. Meets or exceeds the most performance specifications for automotive electrical connector systems.

EVZ2 connector

2.55mm pitch

[Current rating]
5A

[Voltage rating]
Withstanding voltage: 1,000
VAC/minute



This connector is wire-to-wire, waterproof panel mount connector. It is possible to connect inside and outside of the case with harness by mounting male connector to the case.

TCUD connector

2.55mm pitch

[Current rating]
Power:7A
Signal:5A

[Voltage rating]
Withstanding voltage: 1,000
VAC/minute



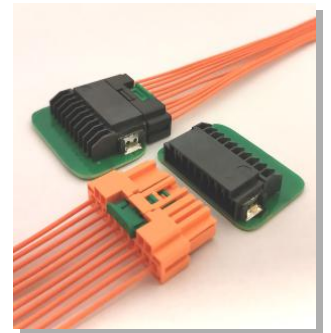
This connector is 48 circuits sealed and lever type connector. Female connector is ZRO, and TCUD male connector is lower height than ZRO male connector.

HVM connector

3.5mm pitch

[Type]
Board to wire, Non-waterproof
High current & High voltage

[Current rating]
5A
[Voltage rating]
Withstanding voltage: 3,000
VAC/minute



Developed in pursuit of withstanding high voltage, miniaturization and low profile as surface mounting type connector for automotive. To realize the withstanding voltage and miniaturization by flange structure and pitch 3.5mm design.

TLDR connector

3.5mm pitch

[Current rating]
5.0A

[Voltage rating]
600V



0.64 low profile automotive connectors for High voltage and low current applications

MSAI connector

4mm pitch

[Type]
Sensor
Incomplete mating prevention

[Current rating]
5A
[Voltage rating]
Withstanding voltage: 1,000
VAC/minute



1.2 mm Sealed Connector compliant with the Standard USCAR Footprints. This connector has the various colors/key codes corresponding to needs.

1.5 Female Terminal

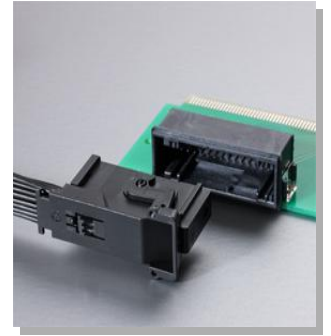


This is a power terminal for unsealed connector. This terminal supports a housing of the 3.2mm(H)•~3.2mm(W) pitch. This terminal supports a halogen-free electric wire of small diameter.

ACA connector

[Current rating]
3A

[Voltage rating]
14V

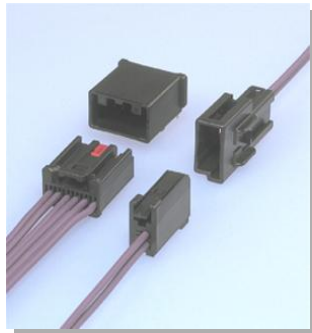


2.54mm pitch, 0.64 unsealed surface mounting type connector with Auto Coplanarity Technology. This technology achieves stable mounting to PCB during re-flow process.

AIT-II connector

[Current rating]
MAX 5A

[Voltage rating]
14V



0.64 unsealed low-profile connector series for use in a wide range of automotive applications.

ARV connector

[Current rating]
MAX 5A

[Voltage rating]
14V



0.64 Unsealed wire-to-wire connection system for unsealed applications, requiring Automotive durability.

ASG connector

[Type]
Sealed

[Current rating]
0.64 Terminal: MAX 7A
6.3 Terminal: MAX 40A

[Voltage rating]
14V



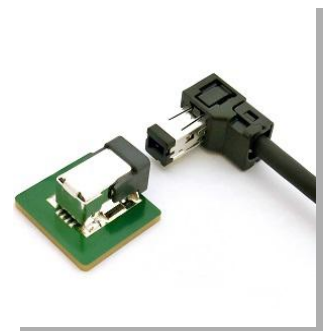
47 Circuits 0.64/6.3 Hybrid Sealed Connector compliant with the USCAR footprint and performance standard. Designed for ABS application.

ASU connector (Wire-to-Board, Angle type)

[Type]
Space saving
High speed data transmission &
High frequency

[Current rating]
1A (AWG#28)

[Voltage rating]
30V



ASU is a compact, high-speed transmission connector ideal for in-vehicle equipment such as Electronic Toll Collection Systems (ETC), navigation systems and Human Machine Interface (HMI). Designed for SMT termination.

ASU connector (Wire-to-Board, Straight type)

[Type]
Space saving
High speed data transmission &
High frequency

[Current rating]
1A (AWG#28)

[Voltage rating]
30V



ASU is a compact, high-speed transmission connector ideal for in-vehicle equipment such as Electronic Toll Collection Systems (ETC), navigation systems and Human Machine Interface (HMI). Designed for SMT termination.

ASU connector (Wire-to-Wire)

[Type]
Space saving
High speed data transmission &
High frequency

[Current rating]
1A (AWG#28)

[Voltage rating]
30V



ASU is a compact, high-speed transmission connector ideal for in-vehicle equipment such as Electronic Toll Collection Systems (ETC), navigation systems and Human Machine Interface (HMI).

ATL connector

[Current rating]
MAX 5A

[Voltage rating]
14V

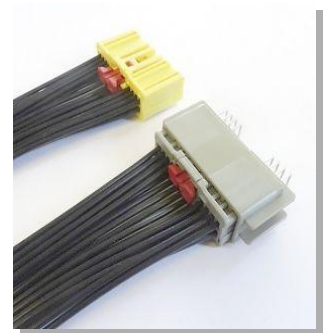


21 Circuits 0.64 Unsealed Connector system. Ultra low profiled design for high density PCB placement.

ATLC connector

[Current rating]
7 A (0.75 sq.mm)

[Voltage rating]
14V



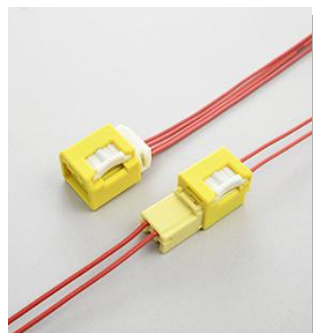
21 Circuits 0.64 Unsealed Connector System with CPA and ISL TPA. Ultra-low profile design for high density PCB placement.

BAB connector

[Type]
Wire to wire, Non-waterproof

[Current rating]
3A (0.3sq.mm)
5A (0.5sq.mm)

[Voltage rating]
Withstanding voltage: 1,000
VAC/minute



0.64 mm wire-to-wire and wire-to-unit connector with rigid design and spring lock mechanism. Spring force prevents incomplete mating during the mating process and keeps constant rigid connection between male and female connectors.

BCC connector

[Current rating]
MAX 15A

[Voltage rating]
MAX 14V



3.2 mm pitch, 14 circuits, 1.5 mm size unsealed connector for automobile applications.

BIC connector

[Current rating]
3A (Single circuit)

[Voltage rating]
16V



This is a connector for motor connection developed for the electric door mirror unit for automotive.

CIT connector

[Current rating]
5A (0.5sq.mm, Single circuit)

[Voltage rating]
50V

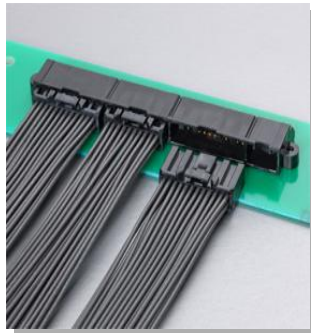


The miniaturization is realized as air-bag EUC I/O connector for automobile. This product has various circuit development and several adoption results proven, hence it enables to select the type to meet the automobile.

CPI connector

[Current rating]
3A (0.3sq.mm, Single circuit)

[Voltage rating]
50V

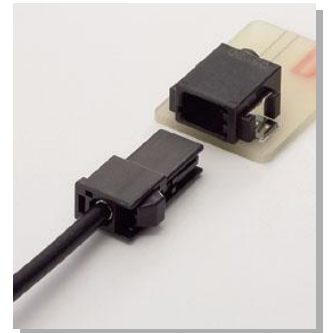


Developed in pursuit of multi-circuit, miniaturization and low profile as PC board connector for automobile. This connector is dip type connector having the spring structure on male terminal.

EA1 connector

[Current rating]
1.0A

[Voltage rating]
250V



Connector was developed as a coaxial connector for high-frequency application to automobile. This connector achieves low profile and miniaturization.

EA2 connector (Side entry type with GND spring)

[Type]
Space saving
High speed data transmission &
High frequency

[Current rating]
1A

[Voltage rating]
250V



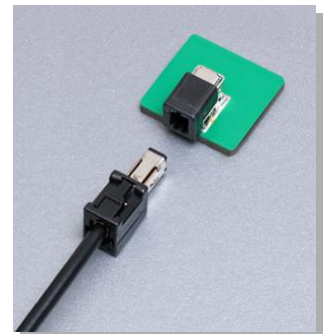
This is compact high-frequency signal connector with enhanced GND performance, suitable for in-vehicle equipment with antenna communication (GPS, ETC/DSRC, Wi-Fi, Bluetooth). It is also suitable for coaxial video signal transmission in combination with cable-side connectors for noise suppression. It is surface mount technology (SMT) compatible products.

EA2 connector (Side entry type)

[Type]
Space saving
High speed data transmission &
High frequency

[Current rating]
1A

[Voltage rating]
250V



High Frequency Co-axial This connector is for small high frequency coaxial signal which is suitable for automotive equipment such as ETC/DSRC, navigation system. It is surface mount technology (SMT) compatible products.

EA2 connector (Top entry type)

- [Type]
Space saving
High speed data transmission &
High frequency
- [Current rating]
1A
- [Voltage rating]
250V



This is compact high-frequency signal connector suitable for in-vehicle equipment with antenna communication (Wi-Fi, Bluetooth). It is also suitable for coaxial video signal transmission in combination with cable-side connectors for noise suppression. It is through-hole reflow (THR) compatible products.

GIT connector

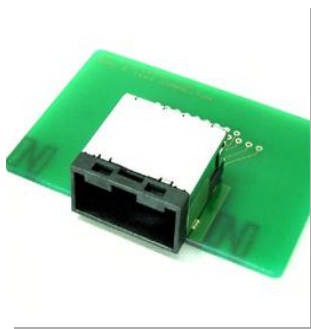
- [Current rating]
5A
- [Voltage rating]
Withstanding voltage: 1,000
VAC/minute



Realized low insertion force with lever mechanism. These connector have the variousable to color/key/pin arrange corresponding to needs, hence the connector type suitable can be selected.

HIE connector

- [Current rating]
0.5A
- [Voltage rating]
40V



This HIE connector complies with HDMI E Type for automobile equipment such as navigation system.

FAB connector

- [Current rating]
MAX 5A
- [Voltage rating]
14V



0.64mm single sealed wire-to-wire connector with rigid design and spring lock mechanism. Spring force prevents half-mating during mating and keeps constant rigid connection between male and female connector.

GIT connector (18P type)

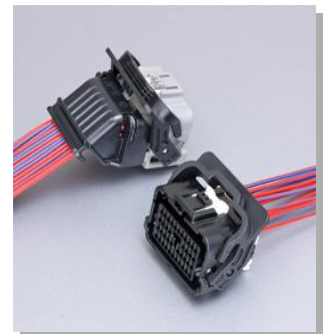
- [Current rating]
5A (0.5sq.mm, Single circuit)
- [Voltage rating]
14V



This connector is realized the miniaturization as air-bag ECU for automobile and low insertion force by using lever. This connector has the various color/key code corresponding to needs, hence the connector type suitable for the vehicle can be selected.

HPS connector

- [Type]
Sealed
- [Current rating]
MAX 5A
- [Voltage rating]
14V

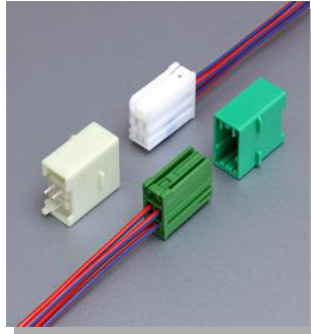


40 Circuits 0.64 Sealed Connector

HSDP connector

[Current rating]
0.64 Terminal: MAX 5A
1.5 Terminal: MAX 14A

[Voltage rating]
14V



0.64/1.5 Hybrid circuits connector

HVD connector

[Current rating]
MAX 4.5A

[Voltage rating]
14V

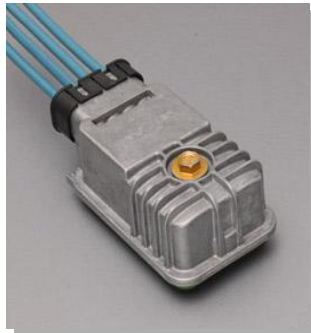


0.64 unsealed alignment-free, low profile surface mount connector for automobile applications.

HVGT connector

[Current rating]
30A

[Voltage rating]
300V



2 Circuits 14.5 Sealed, Shielded, Fused Connector System in an Automotive environment. Designed for high voltage applications, requiring Fusing and Splitting.

HVGW connector

[Type]
Sealed

[Current rating]
135A

[Voltage rating]
300V



2 Circuits 14.5 Sealed, Shielded Connector System. Designed for high current, high voltage applications in an Automotive environment.

JIA connector

[Type]
For board to wire connection
Sealed

[Current rating]
0.63mm terminal: 5A (0.5sq.mm,
Single circuit)
1.5mm terminal: 15A (1.25sq.mm,
Single circuit)

[Voltage rating]
14V



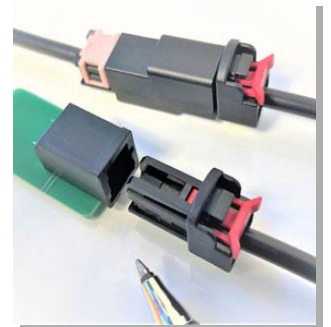
0.63mm/1.5mm Sealed hybrid type Connector

JRE connector (Wire-to-Board)

[Type]
Board-to-wire
High speed data transmission &
High frequency

[Current rating]
3.0A

[Voltage rating]
Withstanding voltage:1000 VAC
/minute



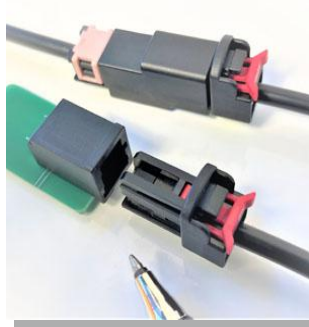
Fully compatible and designed based on requirements from the Open Alliance TC9 (1000BASE-T1) for telematics and automotive communications technology.

JRE connector (Wire-to-Wire)

[Type]
Wire to wire, Non-waterproof
High speed data transmission &
High frequency

[Current rating]
3.0A

[Voltage rating]
Withstanding voltage:1000 VAC
/minute



Fully compatible and designed based on requirements from the Open Alliance TC9 (1000BASE-T1) for telematics and automotive communications technology.

JRF connector (Wire-to-Board)

[Type]
For board to wire connection
High-speed transmission

[Current rating]
1A

[Voltage rating]
Withstanding voltage: 800
VAC/minute



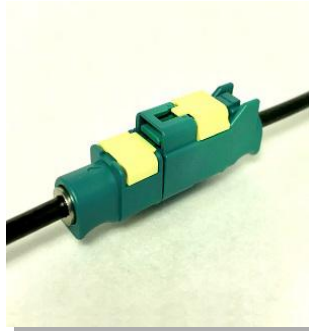
Fully compatible and designed based on requirements from the FAKRA RF and USCAR standards for telematics and automotive communications technology.

JRF connector (Wire-to-Wire)

[Type]
Crimp style
High-speed transmission

[Current rating]
1A

[Voltage rating]
Withstanding voltage: 800
VAC/minute



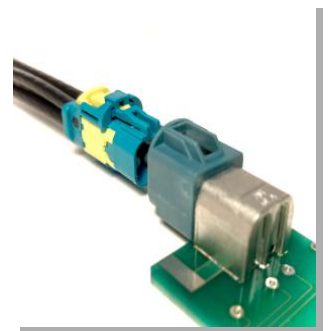
Fully compatible and designed based on requirements from the FAKRA RF and USCAR standards for telematics and automotive communications technology.

JRS connector (Wire-to-Board)

[Type]
High-speed transmission
For board to wire connection

[Current rating]
1.0 A

[Voltage rating]
Withstanding voltage: 800
VAC/minute



Automotive coaxial connector series with miniaturized and multi poles while maintaining FAKRA performance

JRSS connector (Wire-to-Board)

[Type]
High-speed transmission
Crimp style, Waterproof
connector

[Current rating]
1.0 A

[Voltage rating]
Withstanding voltage: 800
VAC/minute



This is the water-proof mini FAKRA connector and it has the original interface.

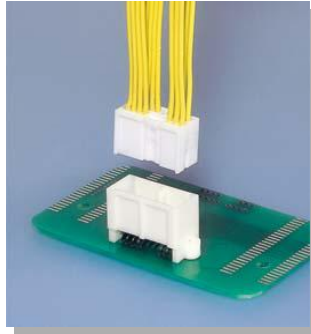
JUNCTION BOX



This product is developed by the custom-made for junction box, fuse box, and relay box for automobile.

MIO connector

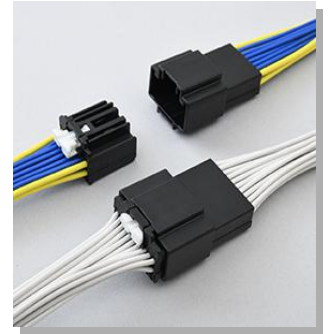
[Current rating]
5A (0.5sq.mm, Single circuit)
[Voltage rating]
12V



Low profile type connector for interface of automotive electrical equipment.

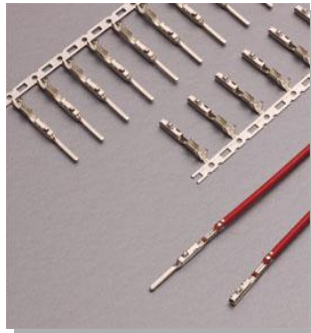
MSA connector

[Current rating]
MAX 14A (0.75sq.mm, Single circuit)
MAX 19A (1.5sq.mm, Single circuit)
[Voltage rating]
14V



1.2 mm unsealed wire-to-wire connector system for automotive applications.

MSA terminal



1.2 mm terminal compliant with USCAR standards.

MSAZ connector

[Type]
Sensor
[Current rating]
7A (0.3sq.mm, Single circuit)
[Voltage rating]
Withstanding voltage: 1,000 VAC/minute



1.2mm sealed connector compliant with the Standard USCAR Footprints.

MSZ connector

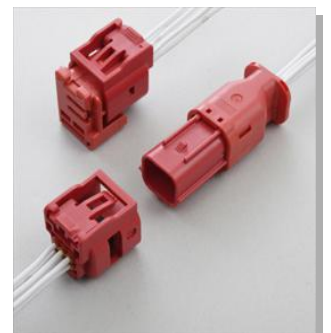
[Type]
Sensor
[Current rating]
5A (0.3sq.mm to 0.5sq.mm, Single circuit)
[Voltage rating]
Withstanding voltage: 1,000 VAC/minute



2.8mm sealed connector compliant with the Standard VDA Interface.

MWT connector

[Type]
Sealed
[Current rating]
3.5A (full circuits), 7.5A (single circuit)



Compliant with the ISO 19689, 0.64 mm individual waterproof, 6 pole wire to wire connection connector. The retainer is a pre-set type for both female and male housing. Protection cover to female connector from water and dust is selectable to the installation direction.

NAC-I connector

[Current rating]
MAX 5A

[Voltage rating]
14V



Low profile dual row connector compliant with the USCAR performance specifications. For general automotive applications.

NFG connector

[Type]
Sealed

[Current rating]
5A (0.5sq.mm)
7A (0.75sq.mm)

[Voltage rating]
50V

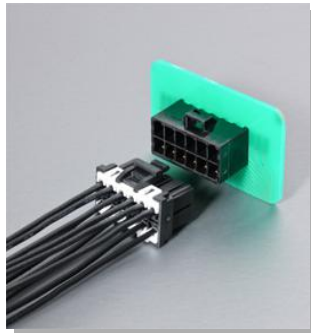


2.3(090) terminal sealed connector with high vibration durability. Reduce abrasion by the vibration, and high reliability is provided.

PEA connector

[Current rating]
Power supply circuit/6.5A
(0.75sq.mm)
Signal circuit/1A (0.5sq.mm)

[Voltage rating]
50V

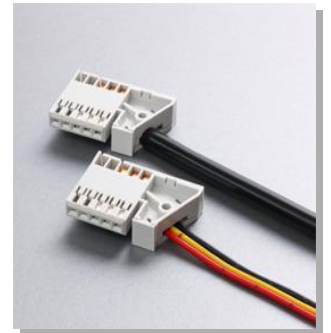


This connector withstands High Current and is used for Ballast to Lamp System.

PFW connector

[Current rating]
5A

[Voltage rating]
14V



This connector has versatile terminal and is used for top column module.

RAD connector

[Current rating]
Signal: MAX 5A (0.64 Terminal)
Power: MAX 15A (1.5 Terminal)
Power: MAX 25A (2.8 Terminal)

[Voltage rating]
14V

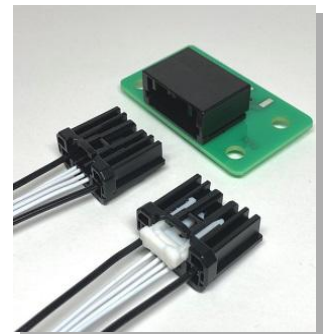


0.64/1.5 /2.8 hybrid circuits unsealed board-to-wire connector with lever mechanism proven in Automotive Radio application.

RHU connector

[Type]
Hybrid type connector with
signal circuit and power supply
circuit
Board-to-wire

[Current rating]
5A (0.64 terminal)
25A (2.8 terminal)



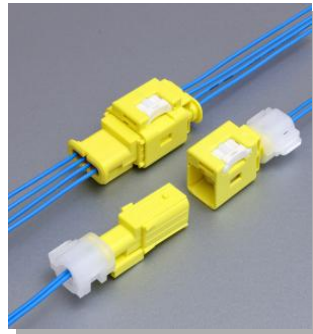
Unsealed hybrid connector using 0.64 terminal and 2.8 terminal for automotive applications.

SAB connector

[Type]
Sealed

[Current rating]
5A

[Voltage rating]
14V



0.64mm individual sealed wire to wire connector with Rigid design and spring lock mechanism. Spring force prevents half-mating during mating and keeps constant rigid connection between male and female connector. This connector has short terminal to prevent accidental electrical discharge.

SAC connector

[Type]
Sealed

[Current rating]
MAX 5A

[Voltage rating]
14V

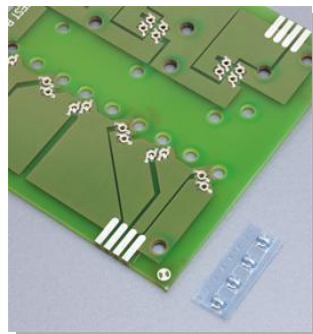


Miniaturized 0.64mm Sealed wire-to-wire connector for automotive application.

SBO connector

[Current rating]
3A

[Voltage rating]
24V

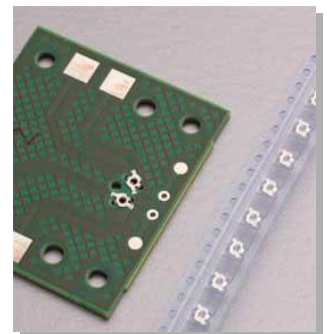


This contact can be placed anywhere on a PC board. This makes it flexible to connect with other male components with different pitches and different numbers of pins. The receptacle is mainly designed inside the PC board thickness to have a low profile connector.

SBO2 connector

[Current rating]
3A

[Voltage rating]
24V



This contact can be placed anywhere on a PCB. This makes it flexible to connect with other male components with different pitches and different numbers of pins. The receptacle is designed inside the PCB thickness. This makes it possible to have reflow processes on both sides if the PCB without damaging the SBO contact.

SHUNT RING



Connector for an inflator.

SISC connector

[Type]
Wire to wire, Waterproof

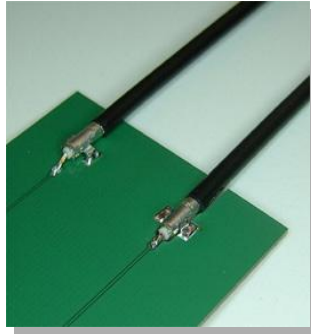
[Current rating]
5A

[Voltage rating]
Withstanding voltage: 1,000
VAC/minute



0.64 mm mat sealed wire to wire connector with rigid design and spring lock mechanism. Spring force prevents half-mating during mating and keeps constant rigid connection between male and female connector.

SJG terminal

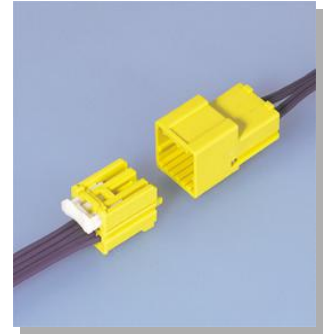


This is a terminal to fix a coaxial cable to the PC board. By press-fitting the dimple on the terminal foot portion into the PC board, the terminal is fixed when installing it onto the PC board and the soldering work is improved.

SNA connector

[Current rating]
MAX 5A

[Voltage rating]
14V



0.64 unsealed wire-to-wire connector with CPA and shorting bar mechanisms for Air-bag application. Providing Connector Position Assurance, positive mating and completion of circuit in one pressing motion.

SQB connector

[Current rating]
MAX 3A



Shunt-less Squib Connector Connector for air-bag with Go/No-Go system, which allows locking connector and detect incomplete mating.

SQF connector



This connector for air-bag is simple, compact and not easy to come off without CPA.

SQH connector



This connector for air-bag has intelligent CPA, which allows locking the connector, incomplete mating detection and release of short-circuit at the same time.

SQM connector



This connector for air-bag has intelligent CPA, which allows locking the connector, incomplete mating detection and release of short-circuit at the same time.

SQN connector

[Type]
Squib & Shunt ring

[Current rating]
3A



This connector for air-bag, conforming to ISO 19072-4 standard configuration, has intelligent CPA, which allows locking the connector, incomplete mating detection and release of short-circuit in the same time.

SQS connector



This connector for air-bag has intelligent CPA, which allows locking the connector, incomplete mating detection and release of short-circuit at the same time.

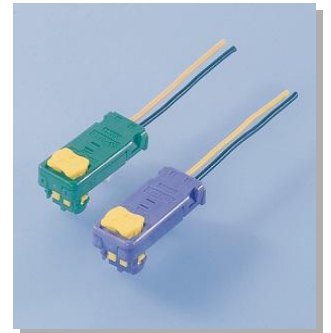
SQSK connector

[Current rating]
MAX 3A



Conforming to ISO 19072-4.

SQW connector



This connector for air-bag has intelligent CPA, which allows locking the connector, incomplete mating detection and release of short-circuit at the same time and achieves high resistance to noise at the specific frequency range with a built-in coil.

SQXW connector

[Current rating]
MAX 3A



Conforming to ISO 19072-4.

SQZ connector

[Type]
Squib & Shunt ring

[Current rating]
3A



Conforming to ISO 19072-4.

SRV connector

[Type]
Sealed

[Current rating]
MAX 7A

[Voltage rating]
14V

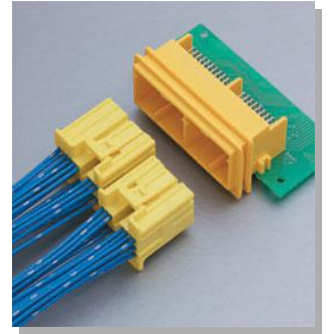


1.2 Sealed Connector

TRZ connector

[Current rating]
5A

[Voltage rating]
50V



Air-bag ECU I/O connector for automobile.

ZRO connector

[Current rating]
Power supply circuit/7A
Signal circuit/5A

[Voltage rating]
50V



This connector is an interface connector, 48 and 36 circuits sealed and lever type.