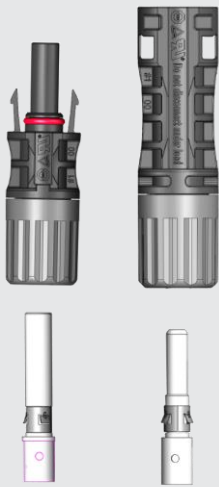




CB-1003AS

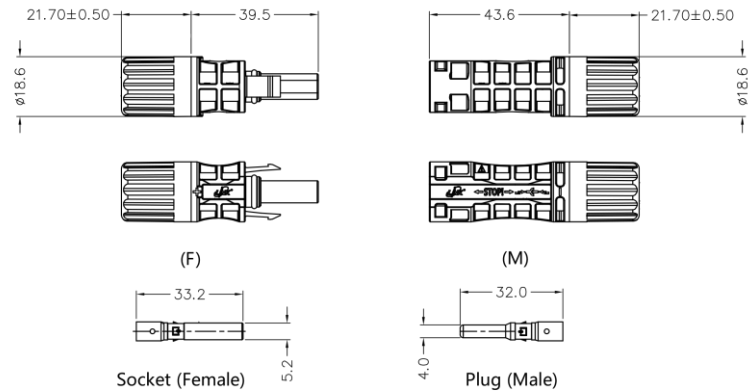


MC4 CONNECTOR 10 mm², (Pair) 1500 V, TUV Standard

Scope of Applications

LINK MC4 connectors 10mm² use high-quality materials that guarantee long-term reliability. Lower contact resistance and higher current transfer capability ensure high product efficiency. LINK MC4 connectors have an IP68 waterproof rating and can be used in a wide operating temperature range from -40 °C to 90°C and used in atrocious weather. A stable automatic lock system makes connectors open and close easily. The lock-clip has a special design to prevent personal unlock by hand.

Drawing



Technical Standards

- IEC 62852:2014
- EN 62852:2015
- UL 6703
- TÜV Approval
- RoHS compliant

Application

- Compliant with MC4 Connector
- UV-Resistant & Waterproof: Features protection class IP68 for reliable performance.
- High Voltage Carrying Capacity
- Weatherproof Design: The connector is suitable for use in harsh weather conditions.
- Stable Automatic Lock System: Ensures connectors open and close easily.
- Enhanced Safety: The specially designed lock clip prevents unauthorized unlocking by hand.



Technical Specification

Compatible Cable	Conductor	10 mm ²
	OD Cable	6.80 - 7.60 mm
Contact Material		Copper Tin Plating
Type of Connection		Crimping
Insulation Material		PPE/PA
Contact Resistance		≤ 0.3mΩ
Rated Voltage		1500VDC
Rated Current		50A
Rated Impulse Voltage		16KV
Ambient Temperature Range		-40°C to +90°C
Upper Limiting Temperature		105°C
Safety Class		Class II
Pollution Degree		2
Overvoltage Level		Class III
Flame Class		UL94V-0
Index Protection		IP65/IP68 (1m,1h)
Contact System		Pressure welding
Locking System		Pressure welding
Torque		1.2-3.0N.m
Mating Cycle		50 times

Order Information

Part number	Description	Color	Package
CB-1003AS	MC4 CONNECTOR 10 mm ² , (Pair) 1500 V, TUV Standard	Black	Pack

Specifications subject to change without notice.

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