



CB-1002AS

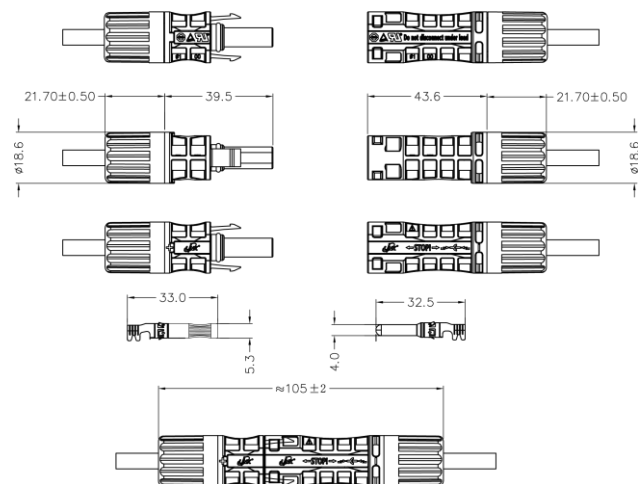


MC4 CONNECTOR 2.5 - 6.0 mm², S-Insert Tightly Locking (Pair)

Scope of Applications

LINK MC4 connectors 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
- Approvals UL listed file no. E548040
- 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.
- S-Insert Tightly Locking: Provides a secure and robust connection for reliable operation.



Technical Specification

Compatible Cable	Conductor	2.5 mm ² , 4 mm ² and 6 mm ²
	OD Cable	5.00 – 6.70 mm.
Contact Material		Copper Tin Plating
Type of Connection		Crimping
Insulation Material		PPE/PA
Contact Resistance		≤ 0.3mΩ
Rated Voltage		1500VDC
Rated Current		46A
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		IP68
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-1002AS	MC4 CONNECTOR 2.5 - 6.0 mm ² , S-Insert Tightly Locking (Pair) 1500 V, TUV Standard	Black	Pack

Specifications subject to change without notice.

© 2023 LINK CORP. ALL RIGHTS RESERVED

www.linkcable.com

CB-1002AS-V1.4-290825