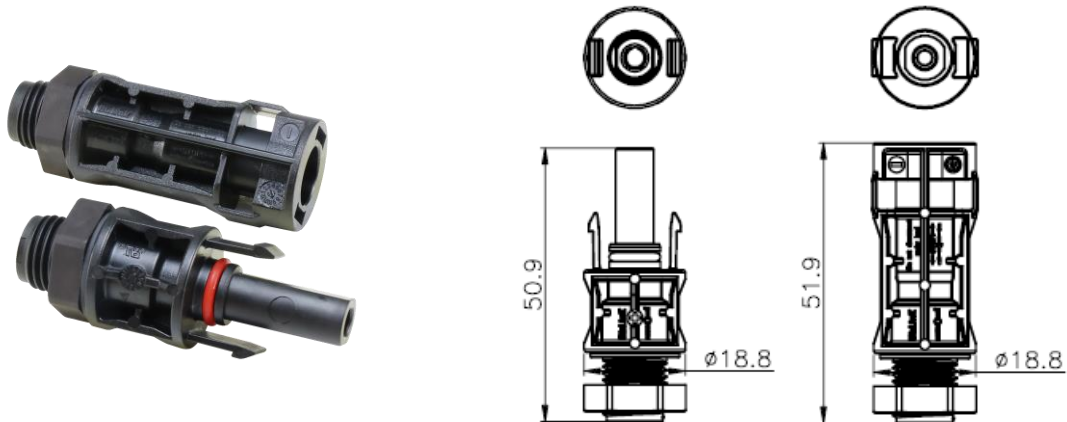


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Drawing for illustration only and may not represent the detailed image of the respective product.

1. Approvals : TUV / UL

2. Technical Data

2.1. Connector type	: Outward lock, snap-in type
2.2. Voltage rating	: TUV / UL 1500V
2.3. Current rating	: TUV 70A / UL 50A
2.4. Contact resistance	: typ. $\leq 0.3\text{m}\Omega$
2.5. Rated impulse voltage	: 16kV (TUV)
2.6. Degree of protection	: IP68 (1m, 24h)
2.7. Housing material	: PPE (thermoplastic)
2.8. Plating	: Tin
2.9. For cable cross section/AWG	: TUV 2.5/4.0/6.0/10mm ² UL 14/12/10/8AWG
2.10. Cable diameter	: 8.5mm max
2.11. Flammability class	: UL94V0
2.12. Ambient Temperature	: -40°C to + 90°C

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3. Article Data

LAP Article No	Manufacturer Ref	Description
8100571	S418-R3A-003	PANEL MOUNT CONN F 4-6 SQ MM CABLE OD 8.5MM MAX
8100572	S418-R4A-003	PANEL MOUNT CONN M 4-6 SQ MM CABLE OD 8.5MM MAX
8100573	S418-R3D-003	PANEL MOUNT CONN F 10 SQ MM CABLE OD 8.5MM MAX
8100574	S418-R4D-003	PANEL MOUNT CONN M 10 SQ MM CABLE OD 8.5MM MAX
TOOLS		
8100582	335000329	 CRIMP TOOL FOR 2.5, 4 & 6 MM2 CONN
8100579	335000413	 CRIMP TOOL FOR 10 MM2 R-TYPE CONN
8100580	335000903	 WRENCH TOOL FOR R-TYPE CONN

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8100581	112G0-007328-R1	MULTI-FUNCTION TOOL FOR R-TYPE CONN

Note: LAPP is a distributor and not the manufacturer of the products listed in this document.

4. Current Derating Curve

The current capacity is evaluated according to IEC60512-5-2:2002, operation current of the connector is limited by ambient temperature, over specification to use might bring high risk quality issue.

