



DC-DC Mobile Adaptor for Car, Truck, Boat



E13 10R-02 3803



Special Features

- Current Limitation
- Overload Protection
- Reverse Polarity Protection
- OVP
- 5 Years Warranty

Key Applications

- Car, Truck, Boat

CAR120-16 / CAR120-19 / CAR120-24

Input Range: 9 - 32 VDC
E13 Approved for Mobile Applications

Electrical Specifications

Input

Voltage (V): 9 - 32 VDC
Inrush Current (A): 20 A

Output

Output Power: Max. 120 W
Output Voltage: 16 / 19 / 24 VDC
Load: 6 / 5 / 4 A
Efficiency (%): 90 %

Protection

Overvoltage Protection (V): 18 / 21 / 28
Overload Protection: Yes
Overcurrent Protection (A): 8.7 / 7 / 5.5
Overtemperature Protection: Yes
I/P Under Voltage Protection: 9 max.
Short Circuit Protection: Yes

Environment

Operating Temperature: -10°C - 70°C
Altitude: 3000 m
Storage Temperature: -20°C - 75°C
Humidity: 20 - 90 % RH, Non-Condensing
Size & Weight (L x W x H): 150 x 76 x 30 mm , 0.5 kg
Cooling: Convection
Case Material: UL 94 V0
Safety: 16 V meets E13
19 V E13
24 V meets E13

Ordering Information

CAR120-16 - Article No.: 901002513-10077

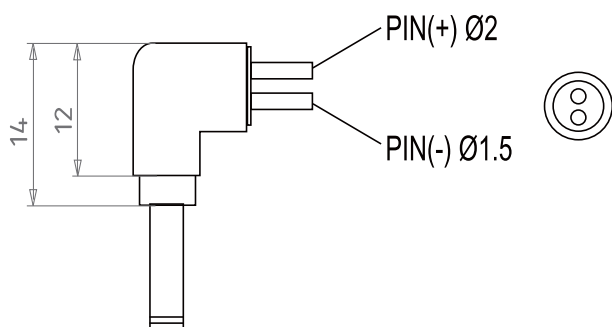
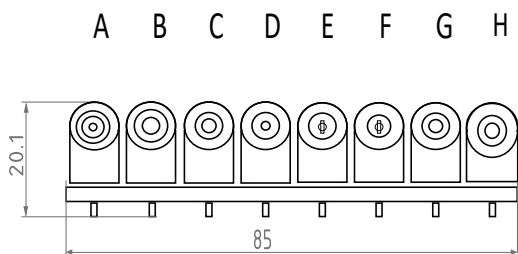
CAR120-19 - Article No.: 901002500-10078

CAR120-24 - Article No.: 901002512-10079

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Terminal Description



Number	A	B	C	D	E	F	G	H
Outer Diameter (mm)	Ø 6.1	Ø 6.3	Ø 5.5	Ø 5.5	Ø 4.75	Ø 4.0	Ø 5.5	Ø 7.5
Inter Diameter (mm)	Ø 4.3×1.4	Ø 3.0	Ø 2.5	Ø 2.1	Ø 1.7	Ø 1.7	Ø 1.7	Ø 5.5
Plug Length (mm)	9.5	12.0	12.0	12.0	9.5	9.5	12.0	12.0
PBT Color	Yellow	Black	White	Blue	Yellow	Yellow	Black	Black

Mechanical Details

