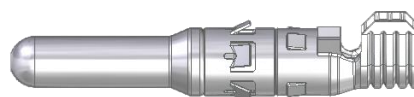
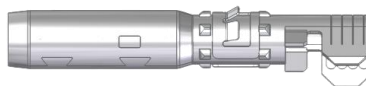


## Datasheet

DC connector,1500V

BC03C,female,terminals crimping, non rewirable.housing color,black



Art.No.	BC03C-F-C24
Order unit	PCS

## Approvals



## Technical data

### General

Rated current	40A (TUV , CSA)
Rated voltage	1500V DC (TUV , CSA)
Contact resistance	$\leq 0.5\text{m}\Omega$
Insulation resistance	$\geq 400\text{M}\Omega$
Rated impulse withstand voltage	8000V
Over-voltage category	III
Pollution degree	2
Waterproof Rating	IP67 (mated)
Flammability Rating	UL94-V0
IEC protection class	II
Rated temperature	-40°C~+85°C
Maximum operating temperature	115°C

## Connection Data

Number of contacts	01 Pin
Applicable wire gauge	2.5/4.0/6.0mm <sup>2</sup> or 14/12AWG
Outer cable diameter	5~6.8mm

## Model

Connector Gender	Female
Backshell Assembly Style	Straight crimp

## Material

Housing material	PA66 (Nylon)
Contact Material	Red Copper(punching) / CuZn alloy(cutting)
Contact Surface	Tin-plated
Sealing gasket	Silicon

## Standards

EN 62852: 2014	IEC - Safety requirements and tests
UL6703	USA and Canada - Safety requirements and tests
RoHS compliant	Yes

## Dimensions

Length	73.2mm
Width	22.0mm
Height	20.0mm
Weight	13g

REV. 03  
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