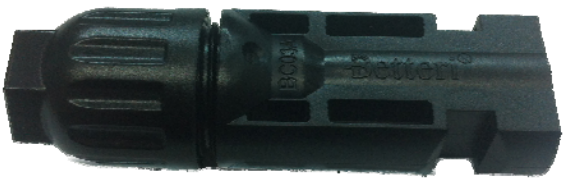
Datasheet

DC connector

BC03A,female,terminals crimping, non rewirable.housing color,black





Art.No.	BC03A-F-C24
Order unit	PCS

Approvals

Technical data

General

Rated current	30A
Rated voltage	1000V DC(TUV),600/1000V DC(CSA)
Contact resistance	≤0.5mΩ
Insulation resistance	≥400MΩ
Rated impulse withstand voltage	6000V
Over-voltage category	III
Pollution degree	2
Waterproof Rating	IP67 (mated)
Flammability Rating	UL94-V0
IEC protection class	II
Rated temperature	-40℃～+85℃

Connection Data

Number of contacts	01 Pin
Applicable wire gauge	2.5/4.0/6.0mm² or14/12/10AWG
Outer cable diameter	5～6.8mm

Model

Connector Gender	Female
Backshell Assembly Style	Straight crimp

Material

Housing material	PC (Polycarbonate)
Contact Material	Red Copper(punching) / CuZn alloy(cutting)
Contact Surface	Tin-plated/Silver-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	59.2mm
Width	19.0mm
Height	19.0mm
Weight	9.53g

REV. 04
2018.3.22