

Datasheet

DC connector

BC03H,female,terminals crimping, non rewirable.housing color,black



Art.No.	BC03H-F-C24
Order unit	PCS

Approvals



Technical data

General

Rated current	30A (TUV) , 35A (CSA)
Rated voltage	1100V DC (TUV, CSA)
Contact resistance	$\leq 0.5\text{m}\Omega$
Insulation resistance	$\geq 400\text{M}\Omega$
Rated impulse withstand voltage	6600V
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 ² or 14/12AWG
Outer cable diameter	5~6.8mm

Model

Connector Gender	Female
Backshell Assembly Style	Straight crimp

Material

Housing material	PC , PA66
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	59.2mm
Width	19.0mm
Height	19.0mm
Weight	9.6g

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