

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 (TUV , CSA)
Rated voltage	1100V DC (TUV) ,600/1000V DC(CSA)
Contact resistance	$\leq 0.5m\Omega$
Insulation resistance	$\geq 400M\Omega$
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	110°C

Connection Data

Number of contacts	01 Pin
Applicable wire gauge	2.5/4.0/6.0mm ² or14/12AWG
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
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

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