Overview

Product information



DK-03/12-MC-21020000494

Integrated connector, male head

Product advantages

☑ Integrated high protection level IP67
☑ Design of foolproof structure, capable of blind insertion, ensuring safe and reliable connection

Product certification

Technical data

Product drawing

3D model

Electrical performance

Rated current	Power supply: 70A; Signal: 5A
Rated voltage	AC power supply: 1000V; Signal: 50V
Rated impulse voltage	Power supply: 8KV; Signal: 0.8KV
Number of connector pins	70A：2pin；5A：12pin；40A:1pin
Contact resistance	70A：≤1mΩ；5A：≤3mΩ；40A：≤0.3mΩ
Insulation resistance	≥10^10Ω
Flame retardant grade	UL94-V0

Environmental performance

Operation temperature	-40℃~+125℃
Compliant with RoHS environmental requirements	Yes

Mechanical properties

Working life-mating cycles	≥500
Applicable wire diameter	70A：10-16mm²(AWG 8-6),40A：0.14-2.5mm²(AWG 26-14),5A：1.5-16mm²(AWG 16-10)
Protection grade	IP67 (plug-in)

Accessories

Business data

Order number	21020000494
Packing unit	1
Minimum order quantity	1
Products weight (without packaging)	83.7