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RoHS Compliance

REV

SYM

Revision Record

Appr.

Date

V0

KLS01655

New Version Release

Song

2025-08-26

Anti mistake position

4.0±0.1

4.0±0.1

Anti mistake position

21.2±0.2

14.5±0.2

15±0.1

1.3±0.1

9.1±0.1

4.0±0.1

9.1±0.1

4.0±0.1

12.0±0.2

4-0.6±0.1

Material:

Core Pin:Brass,GoldPlating

Insulator:PA6T+30%GF

Interface Housing:PA6T+30%GF

Outer Housing:3 # Zinc Alloy Silver,Tin Plating

Electrical:

Impedance:50Ω

Frequency:DC to 6 GHz

Dielectric withstand voltage: 200V(rms)

Insulation resistance: ≥200MΩ

Center contact resistance: ≤ 5 mΩ

Outer contact resistance: ≤ 5 mΩ

VSWR ≤ 1.5

Mating cycles: ≥25 cycles

Tensile strength: ≥40 N

Temperature range:-40℃~+85℃

Notes:

100% conductivity, no short circuit, open circuit,

instantaneous break or misalignment phenomenon;

Order Information

L-KLS1-MINI-FAKRA07-A-5005-1

RoHS

Card Slot Direction:

A=Up

RAL: 9005

9001,5005,4004,6002,8011,5021

Size-1,2,3,4...

Card slot direction

Code

Color

RAL

Order Information

A

Black

sim.9005

MINI-FAKRA07-A-9005-1

B

White

sim.9001

MINI-FAKRA07-A-9001-1

C

Blue

sim.5005

MINI-FAKRA07-A-5005-1

D

Purple

sim.4004

MINI-FAKRA07-A-4004-1

E

Green

sim.6002

MINI-FAKRA07-A-6002-1

F

Brown

sim.8011

MINI-FAKRA07-A-8011-1

Z

Water Blue

sim.5021

MINI-FAKRA07-A-5021-1

ANGLE TOLERANCE

±3°

GENERAL TOLERANCE

0~0.5

0.5~6

6~30

30~120

PROJECTION

UNITS

mm

SHEET SIZE

A4

Draw:

Song

Check:

Daniel

Description:

Fakra Connector

KLS P/N:

L-KLS1-MINI-FAKRA07-A-XXXX-1

KLS

electronics

NingBo KLS ELECTRONIC CO.,L TD.

2025-08-26

2025-08-26

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H

G

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E

D

C

B

A