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RoHS Compliance

REV

SYM

Revision Record

Appr.

Date

V0

KLS01655

New Version Release

Song

2025-05-28

Material:

Housing:PBT

Dielectric:LCP

Center contact:Copper Alloy,Gold plating

Outer contact:Zinc Alloy,Tin plating

Electric:

Impedance:100 ±5Ω

Frequency:DC to 2 GHz

Rated current:100V DC 1.5A

Dielectric withstand voltage:250V Max

Contact resistance:10 MILLIONHM Max

Insulation impedance:1000 MEGOHMS Min

Mechanical:

Mating Cycles:25 Min

Engagement Force:30N Max

Disengagement Force:5N Min

Retention Force Latch:110N Min

Mechanical efficiency:200 N Min

Temperature Range:-40℃ ~ +105℃

Order Information

L-KLS1-HSD-FAKRA10-9005-1

RoHS

RAL: 9005 Or 9001,5005,4004,6002,8011,5021

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

12.0

7.5

10.0

28.6

26.0

9.95

Card slot direction

Code

Color

RAL

Order Information

A

Black

sim.9005

HSD-FAKRA10-9005-1

B

White

sim.9001

HSD-FAKRA10-9001-1

C

Blue

sim.5005

HSD-FAKRA10-5005-1

D

Purple

sim.4004

HSD-FAKRA10-4004-1

E

Green

sim.6002

HSD-FAKRA10-6002-1

F

Brown

sim.8011

HSD-FAKRA10-8011-1

Z

Water Blue

sim.5021

HSD-FAKRA10-5021-1

ANGLE TOLERANCE

PROJECTION

Description:

±3°

HSD FAKRA Connector

GENERAL TOLERANCE

UNITS

mm

KLS P/N:

L-KLS1-HSD-FAKRA10-XXXX-1

.x ±0.30

SHEET SIZE

A4

.xx ±0.20

Draw:

Song

2025-05-28

.xxx ±0.10

Check:

Daniel

2025-05-28

KLS

electronic

NingBo KLS ELECTRONIC CO.,L TD.