

1

2

3

4

5

6

7

8

RoHS Compliance

REV

SYM

Revision Record

Appr.

Date

V0

KLS13035

New Version Release

Song

2025-06-07

12±0.1

14.2±0.1

30.5 REF

ø6.5

Material:

Body:Zinc Alloy,100~150u“Ni Plating

Dielectric:LCP,Natural

Lock:PBT

Housing:PBT

Electric:

Frequency:0-2 GHz

Impedance:100 Ω

Return Loss:

Frequency:GHz Return Loss

0<f≤1 ≥20

1<f≤2 ≥17

D.W.V:250VRMS Min

Insulation Resistance:1000MΩ Min

The total connection resistance of the inner conductor must not exceed 10 mΩ

The outer conductor resistance must not exceed 5mΩ initially and 6mΩ after environmental testing

Mechanical:

Mating Cycles:25 Min

Insertion force:30N Max

Withdraw force:5N Min

Outer contactretention forcein housing:110N Min

Temperature range:-40℃~+105℃

Card slot direction

Code

Color

RAL

Order Information

A

Black

sim.9005

KLS1-HSD-FAKRA06-9005-1

B

White

sim.9001

KLS1-HSD-FAKRA06-9001-1

C

Blue

sim.5005

KLS1-HSD-FAKRA06-5005-1

D

Bordeaux

sim.4004

KLS1-HSD-FAKRA06-4004-1

E

Green

sim.6002

KLS1-HSD-FAKRA06-6002-1

F

Brown

sim.8011

KLS1-HSD-FAKRA06-8011-1

G

Grey

sim.7031

KLS1-HSD-FAKRA06-7031-1

H

Violet

sim.4003

KLS1-HSD-FAKRA06-4003-1

J

Beige

sim.1001

KLS1-HSD-FAKRA06-1001-1

K

Curry

sim.1027

KLS1-HSD-FAKRA06-1027-1

L

Carmine

sim.3002

KLS1-HSD-FAKRA06-3002-1

M

Pastelorange

sim.2003

KLS1-HSD-FAKRA06-2003-1

Z

Waterblue

sim.5021

KLS1-HSD-FAKRA06-5021-1

Order Information

L-KLS1-HSD-FAKRA06-9005-1

RoHS

RAL:5005 Or

9001,9005,4004,6002,8011,7031,4003,1001,1027,3002,2003,5021

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

ANGLE TOLERANCE

PROJECTION

Description:

±3°

HSD FAKRA Connector

GENERAL TOLERANCE

UNITS

mm

KLS P/N:

L-KLS1-HSD-FAKRA06-XXXX-1

.x ±0.30

SHEET SIZE

A4

1 OF 2

NingBo KLS ELECTRONIC CO.,L TD.

.xx ±0.20

Draw:

Song

2025-06-07

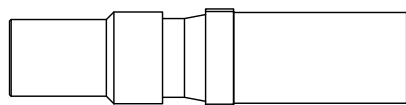
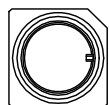
.xxx ±0.10

Check:

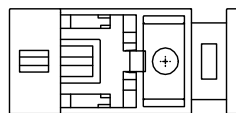
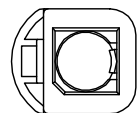
Daniel

2025-06-07

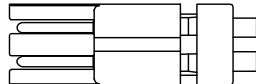
REV	SYM	Revision Record	Appr.	Date
V0	KLS13035	New Version Release	Song	2025-06-07



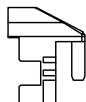
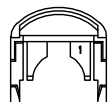
Body: 200PCS/PE(Bag)



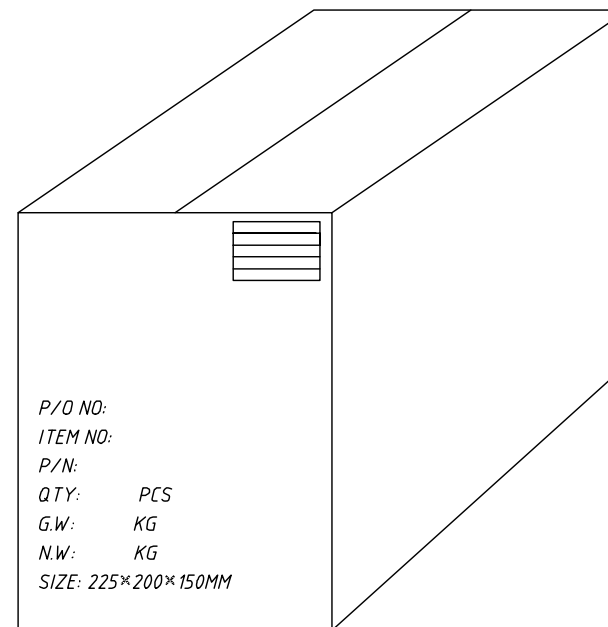
Housing: 500PCS/PE(Bag)



Dielectric: 1000PCS/PE(Bag)



Lock: 1000PCS/PE(Bag)



P/O NO:
ITEM NO:
P/N:
QTY: PCS
G.W: KG
N.W: KG
SIZE: 225*200*150MM

ANGLE TOLERANCE	PROJECTION		Description:	 HSD FAKRA Connector	
±3°					
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-HSD-FAKRA06-XXXX-1	
.x ±0.30	SHEET SIZE	A4	2 OF 2		NingBo KLS ELECTRONIC CO.,L TD.
.xx ±0.20	Draw:	Song	2025-06-07		
.xxx ±0.10	Check:	Daniel	2025-06-07		