

1		2		3		4		5		6		7		8	
RoHS Compliance															

Top View Dimensions:
Overall Width: 13.80±0.20
Overall Height: 6.95±0.20
Pin Pitch: 2.50
Pin Width: 1.30
Pin Spacing: 2.00

Side View Dimensions:
Overall Width: 14.85±0.20
Overall Height: 14.45±0.20
Pin Height: 5.30
Pin Spacing: 2.50, 2.00, 2.50
Pin Width: 1.30

Front View Dimensions:
Overall Width: 13.15±0.15
Overall Height: 5.72±0.10
Pin Pitch: 5.00
Pin Width: 1.00
Pin Spacing: 2.50, 2.00, 2.50
Pin Height: 3.80
Pin Spacing: 1.10
Pin Width: 1.30
Pin Spacing: 5.00
Pin Height: 1.35
Pin Width: 2.30

Material:
Housing: Hing Temperature Tnermaplastics, LCP, UL 94 V-0
Contact: Copper Alloy C2680, Plated Gold in Mating Area, Tin On Solder Talls
Shell: Iron, Nickel Plating

Electric:
Current Rating: 1.5A
Voltage Rating: 30V DC
Contact Resistance: 30mΩ Max
Dielectric Withstanging Viltage: 500 V AC At Sea Level
Insulation Resistance: 1000MΩ Min
Insertion and extraction force:
Mate Force: 3.75 kgf Max
Unmate Force: 1.02 kgf Min
Terminal Retenion: 1.2 kgf Min

Order Information:
L-KLS1-181CL-B-R
L: RoHS
Color: B=Black
Packing: R=Reel

Recommended PCB Layout
Tolerance: ±0.05mm

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				USB 2.0 Connector	
GENERAL TOLERANCE		UNITS		KLS P/N:	
.x ±0.30		SHEET SIZE		L-KLS1-181CL-B-R	
.xx ±0.20		Draw:		WuHao 2025-05-22	
.xxx ±0.10		Check:		Daniel 2025-05-22	

NingBo KLS ELECTRONIC CO.,L TD.

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