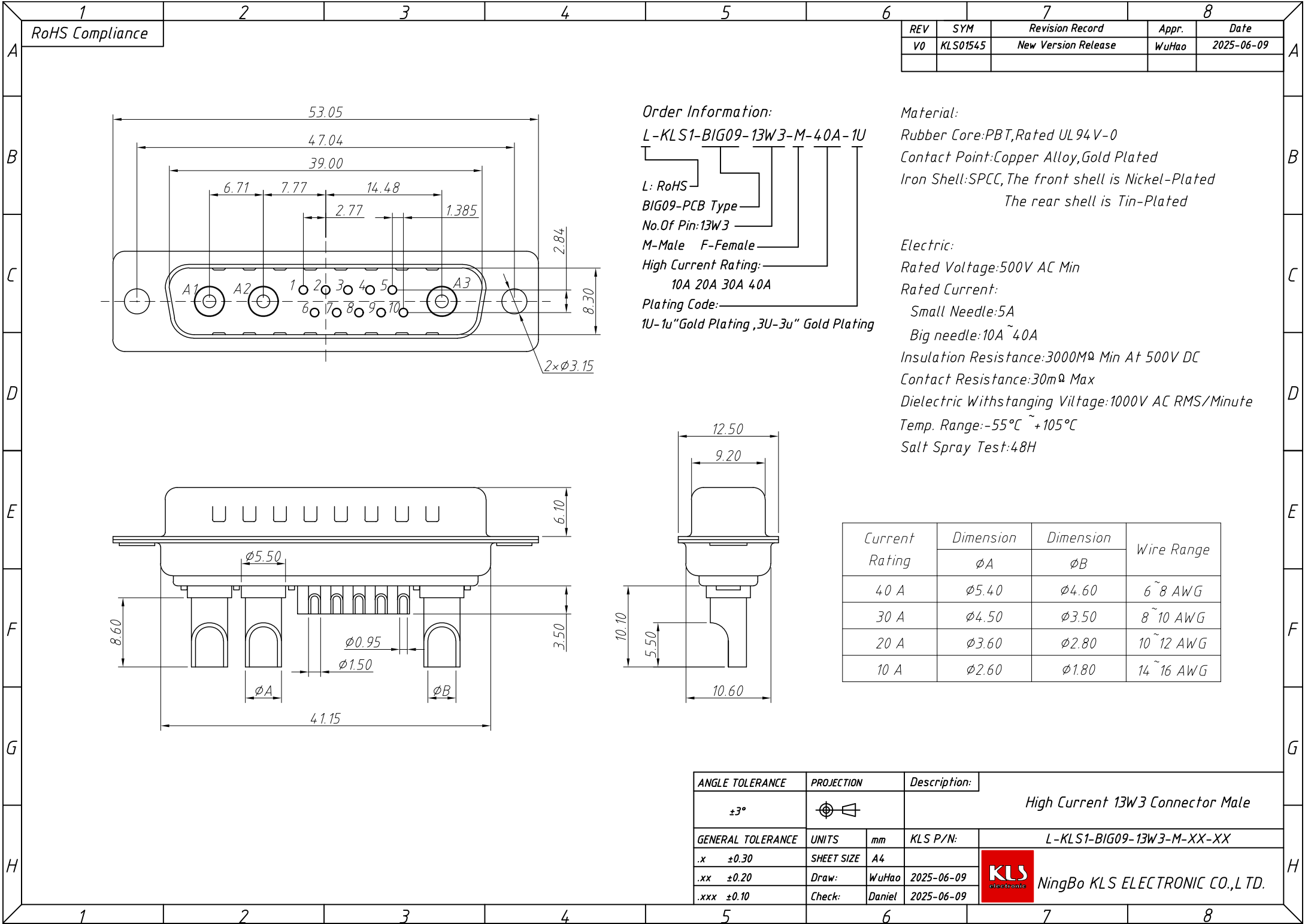




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RoHS Compliance

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REV	SYM	Revision Record	Appr.	Date
V0	KLS01545	New Version Release	WuHao	2025-06-09

Order Information:

L-KLS1-BIG09-13W3-M-40A-1U

L: RoHS

BIG09-PCB Type

No.Of Pin:13W3

M-Male F-Female

High Current Rating:

10A 20A 30A 40A

Plating Code:

1U-1u"Gold Plating ,3U-3u" Gold Plating

Material:

Rubber Core:PBT,Rated UL 94 V-0

Contact Point:Copper Alloy,Gold Plated

Iron Shell:SPCC,The front shell is Nickel-Plated

The rear shell is Tin-Plated

Electric:

Rated Voltage:500V AC Min

Rated Current:

Small Needle:5A

Big needle:10A ~40A

Insulation Resistance:3000MΩ Min At 500V DC

Contact Resistance:30mΩ Max

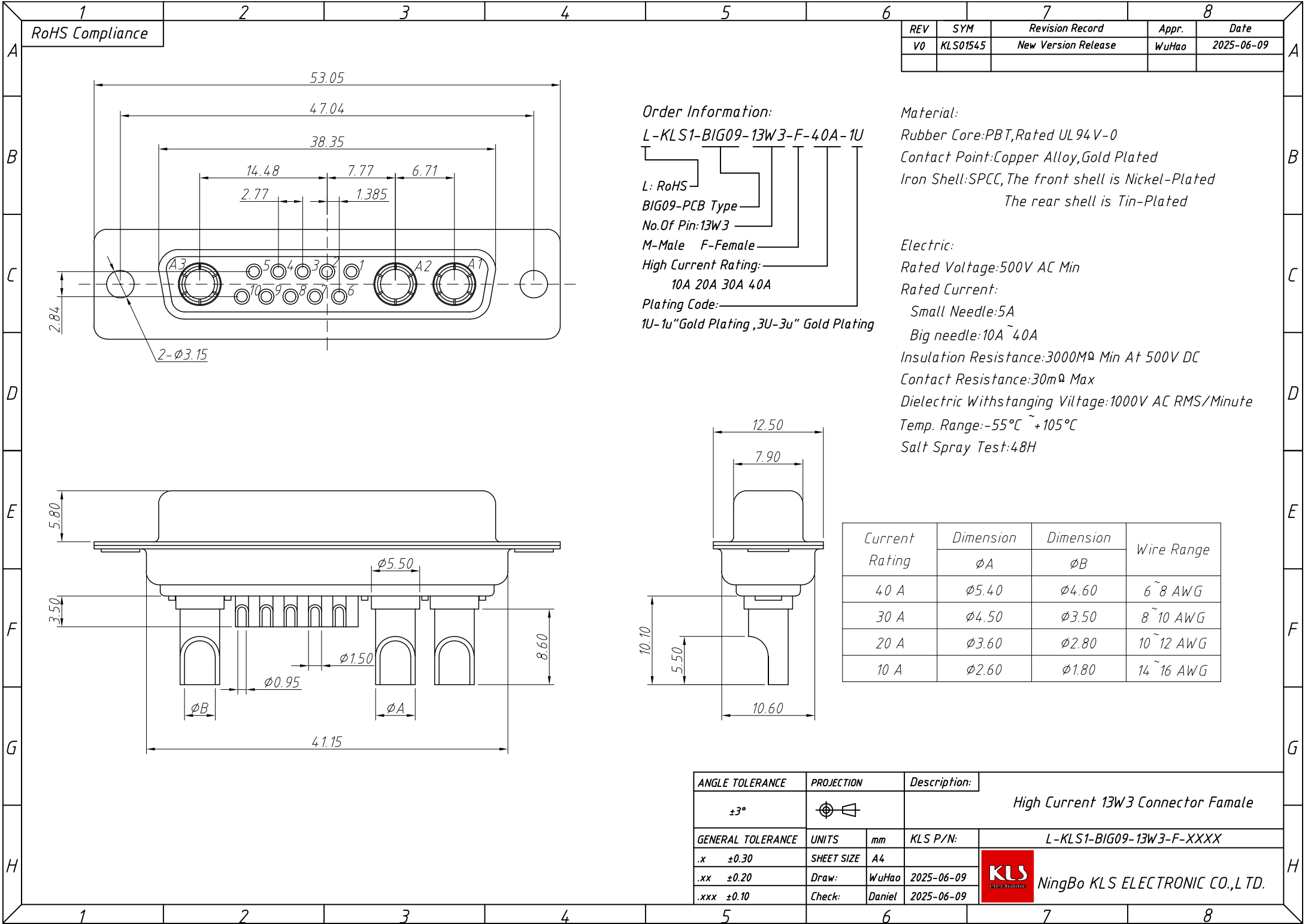
Dielectric Withstanging Voltage:1000V AC RMS/Minute

Temp. Range:-55℃ ~+105℃

Salt Spray Test:48H

Current Rating	Dimension	Dimension	Wire Range
	ØA	ØB	
40 A	Ø5.40	Ø4.60	6 ~8 AWG
30 A	Ø4.50	Ø3.50	8 ~10 AWG
20 A	Ø3.60	Ø2.80	10 ~12 AWG
10 A	Ø2.60	Ø1.80	14 ~16 AWG

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				High Current 13W3 Connector Male	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
.x	±0.30	SHEET SIZE	A4	L-KLS1-BIG09-13W3-M-XX-XX	
.xx	±0.20	Draw:	WuHao	2025-06-09	NingBo KLS ELECTRONIC CO.,LTD.
.xxx	±0.10	Check:	Daniel	2025-06-09	



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RoHS Compliance

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REV	SYM	Revision Record	Appr.	Date
V0	KLS01545	New Version Release	WuHao	2025-06-09

Order Information:

L-KLS1-BIG09-13W3-F-40A-1U

L: RoHS

BIG09-PCB Type

No.Of Pin:13W3

M-Male F-Female

High Current Rating:

10A 20A 30A 40A

Plating Code:

1U-1u"Gold Plating ,3U-3u" Gold Plating

Material:

Rubber Core:PBT,Rated UL 94 V-0

Contact Point:Copper Alloy,Gold Plated

Iron Shell:SPCC,The front shell is Nickel-Plated

The rear shell is Tin-Plated

Electric:

Rated Voltage:500V AC Min

Rated Current:

Small Needle:5A

Big needle:10A ~40A

Insulation Resistance:3000M Ω Min At 500V DC

Contact Resistance:30m Ω Max

Dielectric Withstanging Voltage:1000V AC RMS/Minute

Temp. Range:-55 $^{\circ}$ C ~+105 $^{\circ}$ C

Salt Spray Test:48H

Current Rating	Dimension	Dimension	Wire Range
	ϕA	ϕB	
40 A	$\phi 5.40$	$\phi 4.60$	6 ~8 AWG
30 A	$\phi 4.50$	$\phi 3.50$	8 ~10 AWG
20 A	$\phi 3.60$	$\phi 2.80$	10 ~12 AWG
10 A	$\phi 2.60$	$\phi 1.80$	14 ~16 AWG

ANGLE TOLERANCE	PROJECTION	Description:		
$\pm 3^{\circ}$		High Current 13W3 Connector Famale		
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-BIG09-13W3-F-XXXX
.X ± 0.30	SHEET SIZE	A4		
.XX ± 0.20	Draw:	WuHao	2025-06-09	NingBo KLS ELECTRONIC CO.,LTD.
.XXX ± 0.10	Check:	Daniel	2025-06-09	