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RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS02118	New Version Release	Song	2025-07-31

Technical drawing of the connector showing side and front views with dimensions: M13x0.75, M12x1, 6.30+0/-0.10, 2, 16.50, S15, and Ø16.50.

Notes:

Shell Material:Copper Alloy,Nickel Plated

Contact Material:Brass,Gold Plated

Insulator:PBT

Connection Method:threaded Connection

Wiring Method:Welding

Insertion Frequency:500 times

Temperature Range:-20℃~+85℃

Cable Diameter:Ø5.50 Max

Hole arrangement (viewed from the direction of the needle)

PIN NO.	2	3	4	5	6	7
Rated Current/Voltage	8A-200V	8A-200V	8A-200V	8A-200V	8A-200V	8A-200V
Working Voltage (AC. V) minutes	260	260	260	260	260	260
Voltage withstand (AC. V) minutes	1500	1500	1500	1500	1500	1500
Insulation Resistance (MΩ) DC500V	1500	1500	1500	1500	1500	1500
Contact Resistance (MΩ)DC1A	12	12	12	12	12	12
Welding Head Diameter	0.8	0.8	0.8	0.8	0.8	0.8
Contact Body Aperture	0.9	0.9	0.9	0.9	0.9	0.9

With metal dust cover

Order Information

L-KLS15-225B-M12-4 M1

RoHS

Pos No.

Dental Regulations:M12

umber of Pins(2~7)

Type Ordering

ANGLE TOLERANCE	PROJECTION	Description:		
±3°		Metal Circular Connector		
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS15-225B-M12-XM1
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	Song	2025-07-31	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.10	Check:	Daniel	2025-07-31	

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RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS02118	New Version Release	Song	2025-07-31

A

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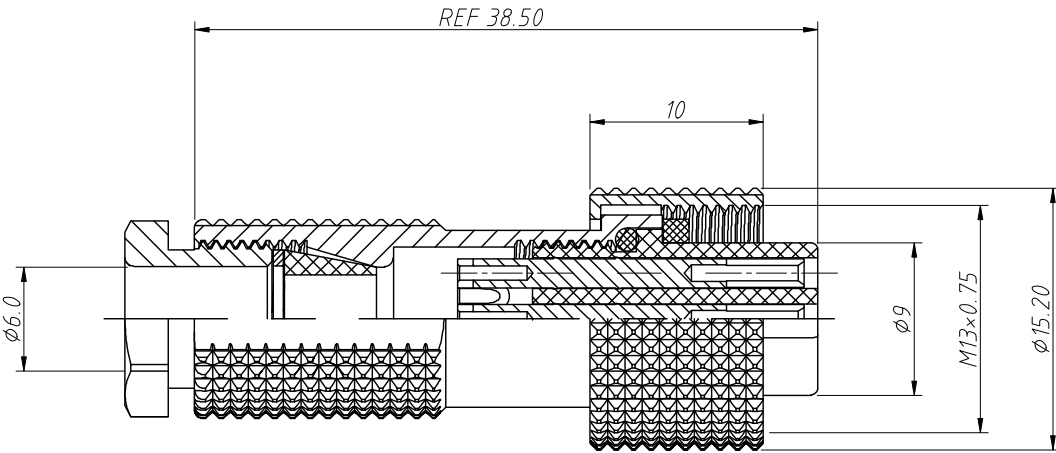
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Notes:

Shell Material:Copper Alloy,Nickel Plated

Contact Material:Brass,Gold Plated

Insulator:PBT

Connection Method:threaded Connection

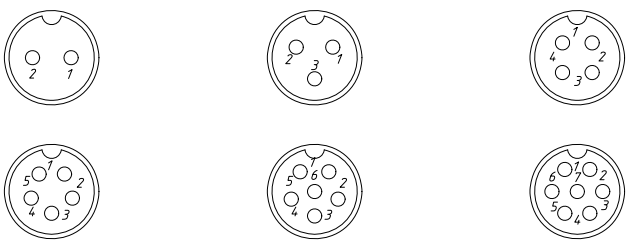
Wiring Method:Welding

Insertion Frequency:500 times

Temperature Range:-20℃~+85℃

Cable Diameter:Ø5.50 Max

Hole arrangement (viewed from the direction of the needle)



PIN NO.	2	3	4	5	6	7
Rated Current/Voltage	8A-200V	8A-200V	8A-200V	8A-200V	8A-200V	8A-200V
Working Voltage (AC. V) minutes	260	260	260	260	260	260
Voltage withstand (AC. V) minutes	1500	1500	1500	1500	1500	1500
Insulation Resistance (MΩ) DC500V	1500	1500	1500	1500	1500	1500
Contact Resistance (MΩ)DC1A	12	12	12	12	12	12
Welding Head Diameter	0.8	0.8	0.8	0.8	0.8	0.8
Contact Body Aperture	0.9	0.9	0.9	0.9	0.9	0.9

Order Information

L-KLS15-225B-M12-4 F1

RoHS

Pos No.

Dental Regulations:M12

umber of Pins(2~7)

Type Ordering

ANGLE TOLERANCE	PROJECTION	Description:
±3°		Metal Circular Connector

GENERAL TOLERANCE	UNITS	mm	KLS P/N:
x.x ±0.30	SHEET SIZE	A4	L-KLS15-225B-M12-XF1
x.xx ±0.20	Draw:	Song	2025-07-31
x.xxx ±0.10	Check:	Daniel	2025-07-31



NingBo KLS ELECTRONIC CO.,LTD.

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