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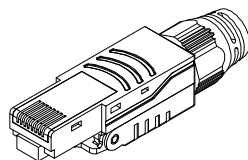
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NOTES:

CAT8 Class I RJ45 plug to be assembled in the field
Suitable for power over Ethernet(PoE, PoE plug and UPoE)
Load Bar for Faster and Easier Wire Pattern Termination
Reconnectable

FTP TYPE: 1 Piece Design
Easy Assembly: Easy terminated in the field in 2 minute without any special tools
Anti-burn performance: Product made from Kirsite\ PC OR PCB(UL94V-0), meeting the international standard.

Wire Connection: Stranded wire AWG 27/7 to 22/7
Wire Connection: Solid wire AWG 26/1 to 22/1

Cable jacket diameter: 6 to 9.5mm
Adjustable Strain Relief: 6mm to 9.5mm cable OD

Contact: Gold plating(see order code), phosphor bronze

Order Code: A-MJP-8-EG-xIB-S1
H = 30u" Au
L = 50u" Au

Mating durability: 750 cycles.
Contact resistance: 20m ohms
Insulation resistance: 1000M ohms
Intensity of anti-currency: DC 1000V (AC 700V)

Operation temperature: -40 °C to 85 °C
Relative humidity: 85%(30°C)
Air pressure: 70-106Kpa

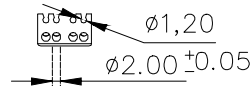
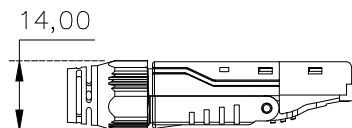
Retention strength: 7.7kg between jack and plug.

B

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14,0



WIRING CAP *2

D



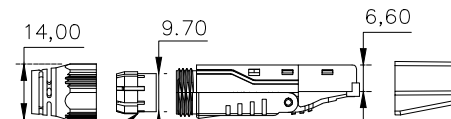
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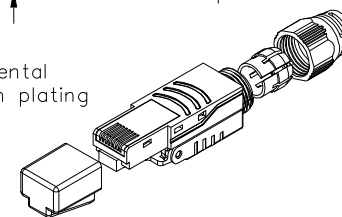


E

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Environmental chromium plating



G

RoHS compliant

Unit:mm

Scale	Free
TOLERANCE	
X.X	±0.15
X.XX	±0.10
X.XXX	±0.05
DIM	TOL
X.°	±1°
Angle	TOL

							Date	Name	Description: Modular Connector
							28.05.2021	Luca	RJ45 / CAT8 / Male
							28.05.2021	Luca	ASSMANN WSW-No.
									A-MJP-8-EG-xIB-S1
									Drawing-No.
									ASS 8947 CO
									rev00
									Customer-No.
									SHEET 1 / 2



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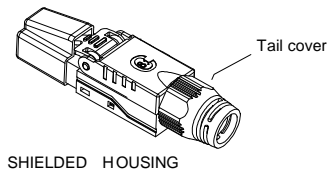
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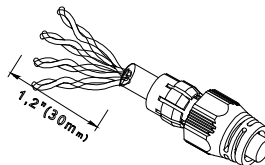
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Instruction Manual

- ① Remove the Tail cover before installation.



- ② Insert cable into strain relief boot, strip off 1.2 inch of cable jacket, fold back braid and drain wire.



Boot adjustment

Cut the end of boot to fit your cable OD.



JACK PIN DESIGNATIONS	TIA/EIA T568A	TIA/EIA T568B
	1 White/Green	white/Orange
	2 Green	Orange
	3 white/Orange	White/Green
	4 Blue	Blue
	5 white/Blue	white/Blue
	6 Orange	Green
	7 White/Brown	White/Brown
8 Bro wn	Bro wn	

A

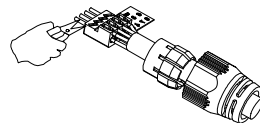
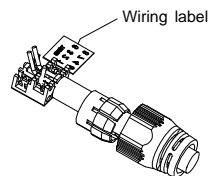
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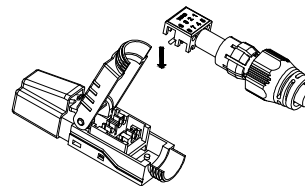
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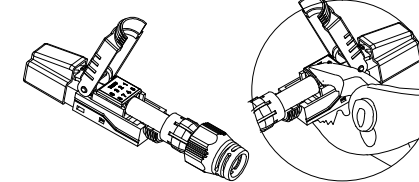
- ③ Fan out all four twisted pairs, following the color coding label and allocate each conductor into proper slots on wiring cap. Trim the ends of conductors.



- ④ Place wiring cap on plug.



- ⑤ Place the wiring cap on to plug, use plier to clamp wiring cap until it completely snap-in to effect the connection.

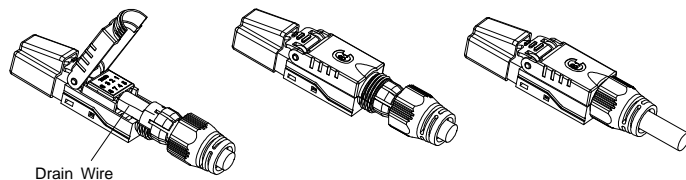


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E

- ⑥ Place the tightening sleeve well, straighten out the drain wire to ensure that the grounding is correct and reliable, close the lid, tighten the tail sleeve, and finish the wiring.



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G

G

RoHS compliant

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TOLERANCE	
X.X	±0.15
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X.XXX	±0.05
DIM	TOL
X.°	±1°
Angle	TOL

Id.	Modification	Date	Name
①	Drawn	28.05.2021	Luca

ASSMANN
WSW components

Date	Name
28.05.2021	Luca
28.05.2021	Luca

Description: Modular Connector
RJ45 / CAT8 / Male

ASSMANN WSW-No.
A-MJP-8-EG-xIB-S1

Drawing-No.
ASS 8947 CO rev00

Customer-No. SHEET
2 / 2

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