

REV	ECN	SIGN	DATE	DESCRIPTION
1.0	V0	K. ZHAO	06/21/2021	

NOTES:

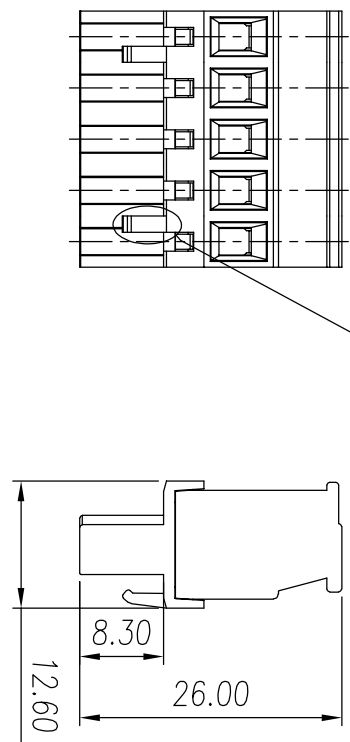
1. UL Standard

Application	B	C	D
Rate voltage(V)	300	/	300
Rate current(A)	10	/	10
Rate impulse voltage(KV)	1.6		

Wire range : 26 ~ 12 AWG

2. IEC Standard

Pollution degree	2	2	3
Overvoltage category	II	III	III
Rate impulse voltage(KV)	4	4	4
Rate voltage(V)	320	320	250
Rate current(A)	12		



2P<sub>1</sub> Clasp is on the left from this view

Wire range : 0.5 ~ 2.5 mm<sup>2</sup>  
 3. Torque: 0.5.N.m (4.43 Lb.in)  
 4. Pitch : 5.0 mm, Poles : N = 02 ~ 24P  
 5. Stripping length : 7 ~ 8 mm  
 6. Operating temperature: -40°C ~ +105°C  
 7. RoHS Compliance  
 8. Material: Housing PA66, UL94V-0  
 Screws M3 Steel, Cr plated  
 Clamp copper alloy, Sn plated  
 Cage copper alloy, Ni plated

Series No CYE221A - 500 - XXP - 1YY - 000A  
 Pitch Single Pitch  
 Poles Standard  
 Color: 1Y, white  
 2Y, black  
 3Y, grey  
 4Y, green  
 5Y, blue  
 6Y, yellow  
 7Y, transparent  
 8Y, brown

tolerance	±0.15	±0.25	±0.35	±0.45	±0.60	±0.75	±0.90	0.5	0.025	0.06	0.12	0.4
linear dimension	over 18 to 30	over 30 to 50	over 50 to 80	over 80 to 120	over 120 to 160	over 160 to 200	all	5 to 5	over 5 to 30	over 30 to 120	over 120 to 120	over 120 to 120
variable range	to 10	to 30	to 50	to 80	to 120	to 160	to 200	all	5 to 5	over 5 to 30	over 30 to 120	over 120 to 120

Remark: This drawing is a controlled document for Cymannu. All specifications are subject to change without prior notice.

SIZE: A4	SCALE: 4 : 3	CHECKED: C. LU	APPROVED: H. JIANG	DATE: 06/21/2021	DATE: 06/21/2021	DATE: 06/21/2021
UNIT: mm	SHEET: 1 / 1	DRAWN: K. ZHAO	DATE: 06/21/2021	PART NO: CYE221A-500-XXP-1YY-000A	TITLE: Plug in connector	CUSTOMER:

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