

RoHS Compliant

Automobile
Product

Specifications:

Material And Finish:

Insulator:Nylon 9T UL94V-0

Color:See Ordering Information

Contact:High-conductivity copper

Plated:See Ordering Information

Rating:

Current Rating:5.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature

Range:-40~+125°C

Electrical:

Contact resistance:15m Ohm Max

Insulator resistance:100M ohm min.

Withstanding Voltage:1000V AC/Minute

Ordering Information

A2028H-XXX-01-XG

1 2 3 4 5 6

1:—Series No.

2:—H:Horizontal Type

3:—No. of Positions

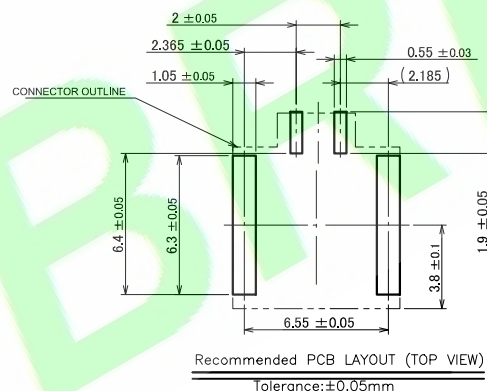
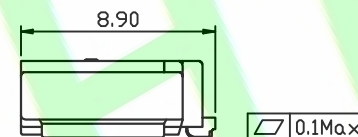
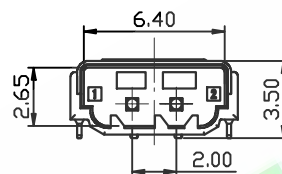
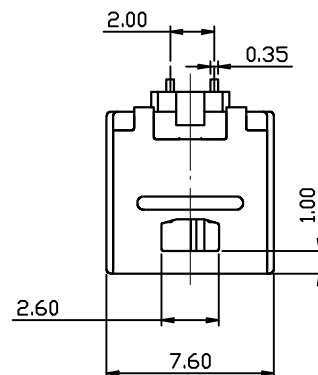
4:—H:Selective Gold Plated

S:Matte Tin Plated

5:—A:A Type Black

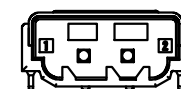
B:B Type Nature

6:—G:Tape&Reel

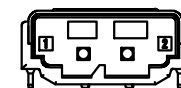
Recommended PCB LAYOUT (TOP VIEW)
Tolerance:±0.05mm

2 PIN

A type Black



B type Nature



DR.BY:

Zolin

GENERAL TOLERANCE:

LINEAR

ANGLES

PART NO : A2028H-XXX-01-XG

DWG. NO.:

TITLE : 2.0mm Pitch ULH Series Male Connector
Normal Type

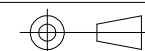
DATE: 04-Dec-2025

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BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/4

SCALE: 1:1

UNIT: mm

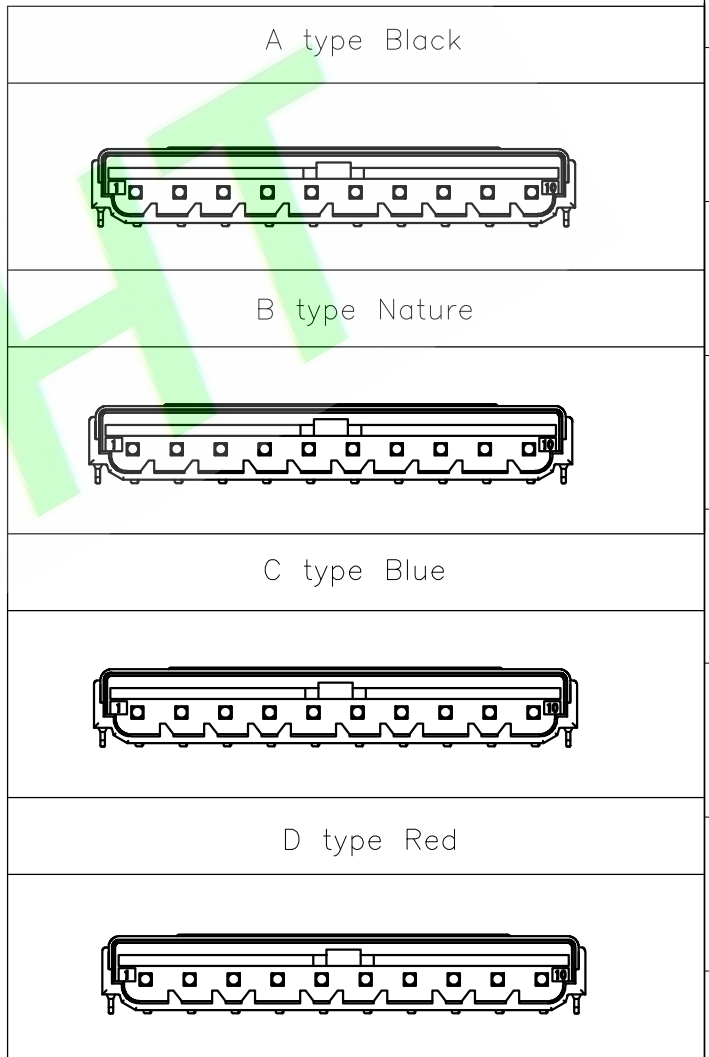
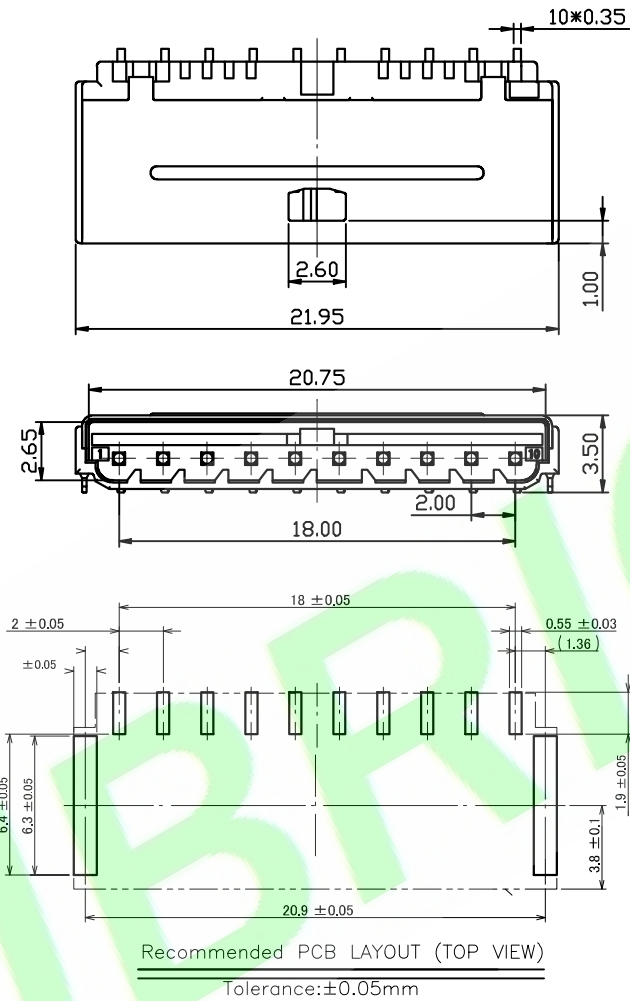


THIRD ANGLE PROJECTION

A4

1X	ORIGINAL	Zolin	
REV	DESCRIPTION	DR.BY	ECN. NO.

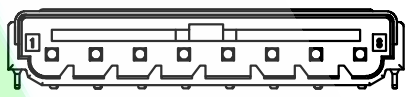
10PIN



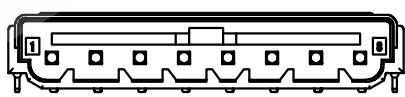
				DR.BY.: Zolin		GENERAL TOLERANCE:		PART NO : A2028H-XXX-01-XG		HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED		
				CHKD.: Hu.CH		LINEAR		ANGLES				
						x.: x.X: ±0.40		x°: ±5.0° x.X°: ±3.0°		TITLE : 2.0mm Pitch ULH Series Male Connector Normal Type		
						x.XX: ±0.25		x.XX°: ±2.0°				
						x.XXX: ±0.15		x.XXX°: ±1.0°				
APPD.: Billy		DATE: 04-Dec-2025		SHEET: 4/4		 THIRD ANGLE PROJECTION		A4				
SCALE: 1:1												
UNIT: mm												
1X	ORIGINAL	Zolin										
REV	DESCRIPTION	DR.BY	ECN. NO.									

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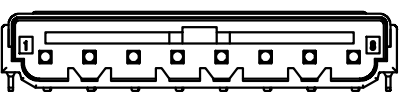
A type Black



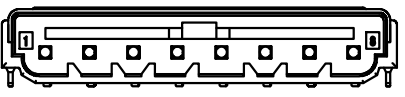
B type Nature



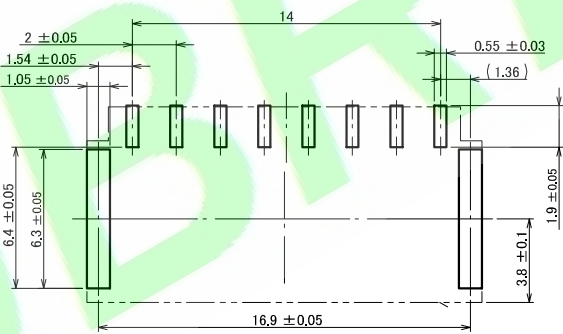
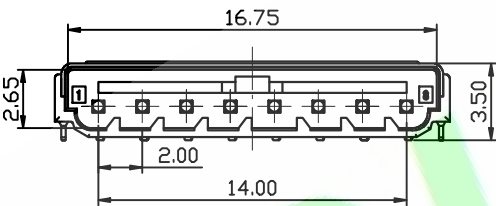
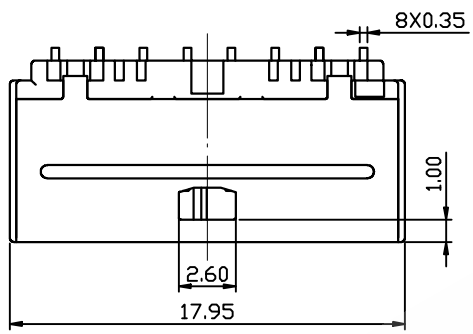
C type Blue



D type Red



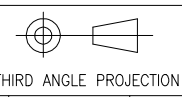
8PIN



DR.BY.: Zolin	GENERAL TOLERANCE:		PART NO : A2028H-XXX-01-XG	
CHKD.: Hu.CH	LINEAR		DWG. NO.:	
	X.:	X': ±5.0°	TITLE : 2.0mm Pitch ULH Series Male Connector Normal Type	
	X.X: ±0.40	X.X': ±3.0°		
	X.XX: ±0.25	X.XX': ±2.0°		
APPD.: Billy	X.XXX: ±0.15	X.XXX': ±1.0°	DATE: 04-Dec-2025	

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BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 3/4
SCALE: 1:1
UNIT: mm

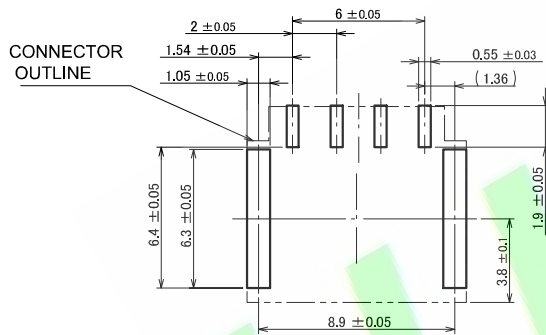
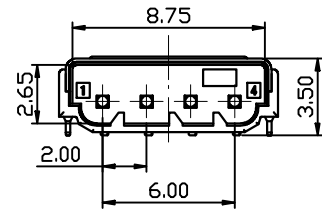
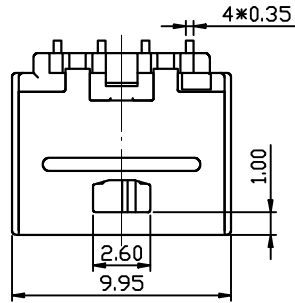


A4

1X	ORIGINAL	Zolin	
REV	DESCRIPTION	DR.BY	

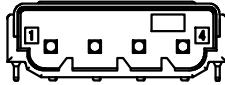
1	2	3	4	5	6	7	8	9
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4PIN



Recommended PCB LAYOUT (TOP VIEW)
Tolerance: ±0.05mm

A type Black



B type Nature



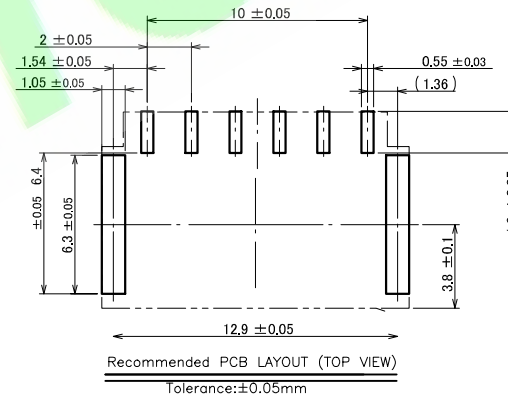
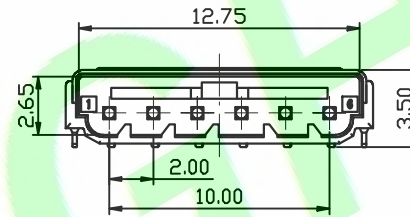
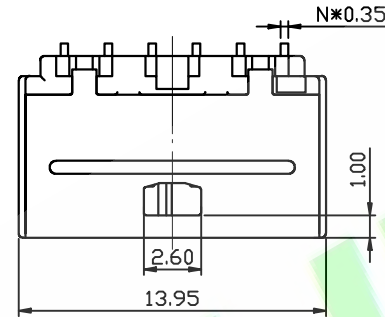
C type Blue



D type Red



6PIN

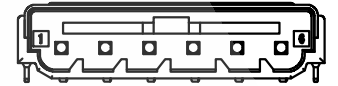


Recommended PCB LAYOUT (TOP VIEW)
Tolerance: ±0.05mm

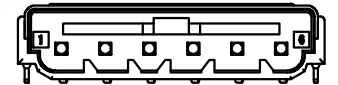
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Product

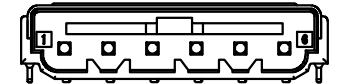
A type Black



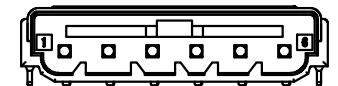
B type Nature



C type Blue



D type Red



DR.BY:

Zolin

GENERAL TOLERANCE:

LINEAR

ANGLES

PART NO : A2028H-XXX-01-XG

DWG. NO.:

TITLE : 2.0mm Pitch ULH Series Male Connector
Normal Type

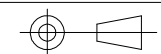
DATE: 04-Dec-2025

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BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 2/4

SCALE: 1:1

UNIT: mm



THIRD ANGLE PROJECTION

A4

1X	ORIGINAL	Zolin	
REV	DESCRIPTION	DR.BY	ECN. NO.