

# CZT

## SPECIFICATION FOR APPROVAL

CUSTOMER \_\_\_\_\_

CUSTOMER'S PART NO. \_\_\_\_\_ REV. \_\_\_\_\_

DESCRIPTION RJ45 +HDMI (W/O Transformer 1 Port)

CZT'S PART NO. JHP110030404 REV. A

CZT OLD P/N \_\_\_\_\_

ISSUE NO. 14B-298

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☐ APPROVED

☐ REJECTED:

☐ APPROVED UNDER  
THE CONDITIONS:

**SuZhou Yihua Communicated Connector Co., Ltd.**

**Add: No.1558, Linhu East Road, Foho New&Hi-tech industrial Development Zone ,  
Wujiang, Jiangsu, P.R.C.**

**TEL:+86-512-82078810**

**FAX:+86-512-82078858**

**DongGuan Yihua Electronic Co., Ltd.**

**Add: Yihua Holdings Industrial park, Cuntou district, Hu'men Town,**

**TEL:+86- 769-8624 0111**

**FAX:+86-769-8624 0238**

**Note:**

- 1. This specification is the proprietary of Yihua Communicated Connector Co., Ltd. and is not allowed to be revealed to third party without any written approval .**
- 2. This specification is valid within 1 year before approval, and for any updated specification information required, please contact with CZT's sales window before order releases.**



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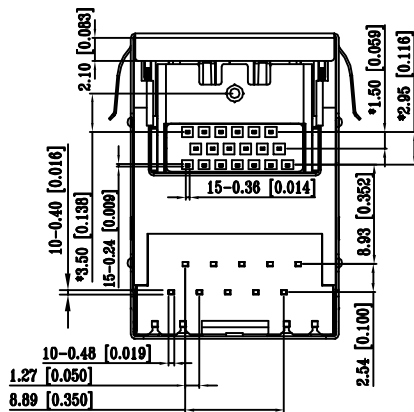
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CZT Part No.: JHP110030404  
Part Name: RJ45 +HDMI (W/O Transformer 1 Port)

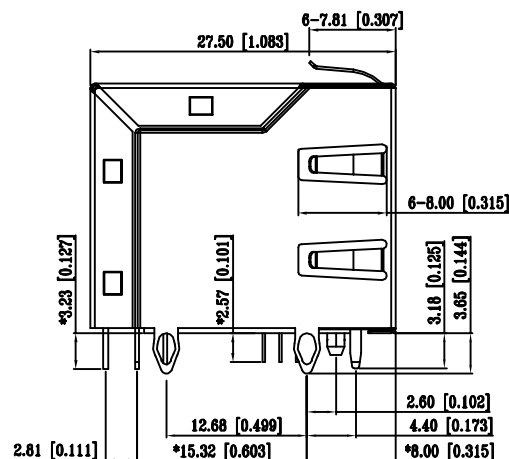
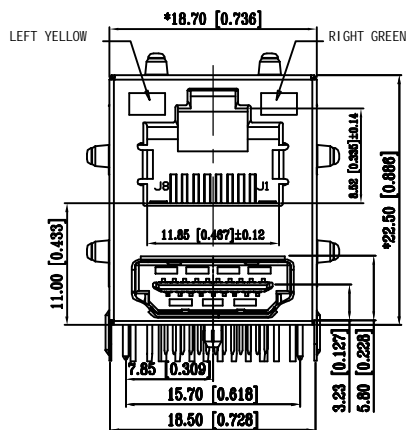
Rev.: A



### 4. Mechanical Dimension and Notes:



Unless otherwise specified, all dimensions tolerances is  $\pm 0.254 / 0.010$ .



### 4-2. Notes:

1. CONNECTOR MATERIAL:  
HOUSING: PBT BLACK UL94 V-0  
INSERTER: PBT BLACK UL94 V-0  
SHIELD: BRASS  
CONTACT: COOPER ALLOY  
CONTACT PLATING: SELECTIVE GOLD, 6 MICRO-INCHES MIN IN CONTACT AREA
2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS
3. RJ45 CAVITIES CONFORM TO FCC RULES AND REGULATION PART 68.
4. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260° C MAX, 10 SECS MAX
5. OPERATING TEMPERATURE T=0° C TO +70° C.
6. STORAGE TEMPERATURE T=-40° C TO +85° C.
7. ALL CRITICAL DIMENSIONS WITH "\*" "

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Forward V(max)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

\*WITH A FORWARD CURRENT OF 20mA

Drawn by

Designed by

Approved by

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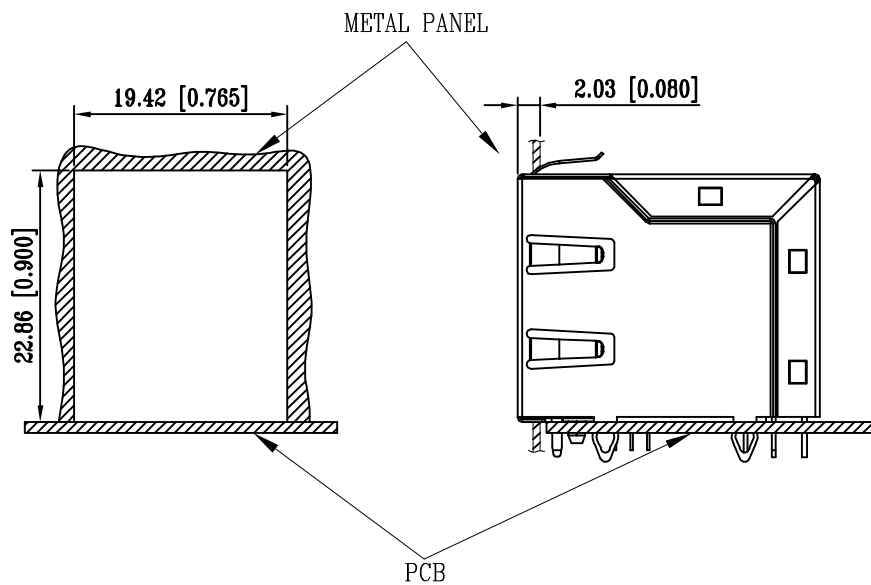
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### 5. Label and Recommended PWB Layout and Suggested Panel Opening:

#### 5-1. Suggested Panel Opening:



UNIT: mm / inch  
Tolerances:  $\pm 0.10$  / 0.004

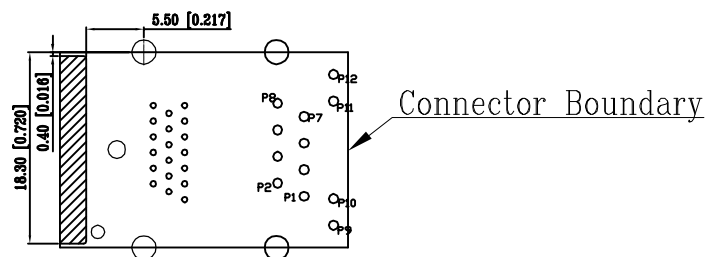
REFERENCE ONLY

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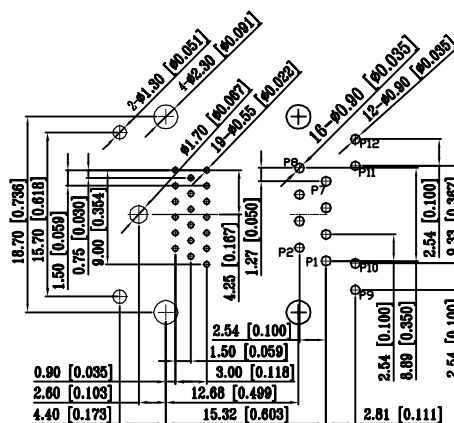
Customer Part No.: CZT Part No.: JHP110030404 Part Name: RJ45 +HDMI (W/O Transformer 1 Port)	Rev.: A 
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### 5-2. Keep-Out Area (Component Side View):



UNIT: mm / inch  
 Tolerances:  $\pm 0.10$  / 0.004

### 5-3. Recommended PWB Layout (Component Side View):



UNIT: mm / inch  
 Tolerances:  $\pm 0.10$  / 0.004

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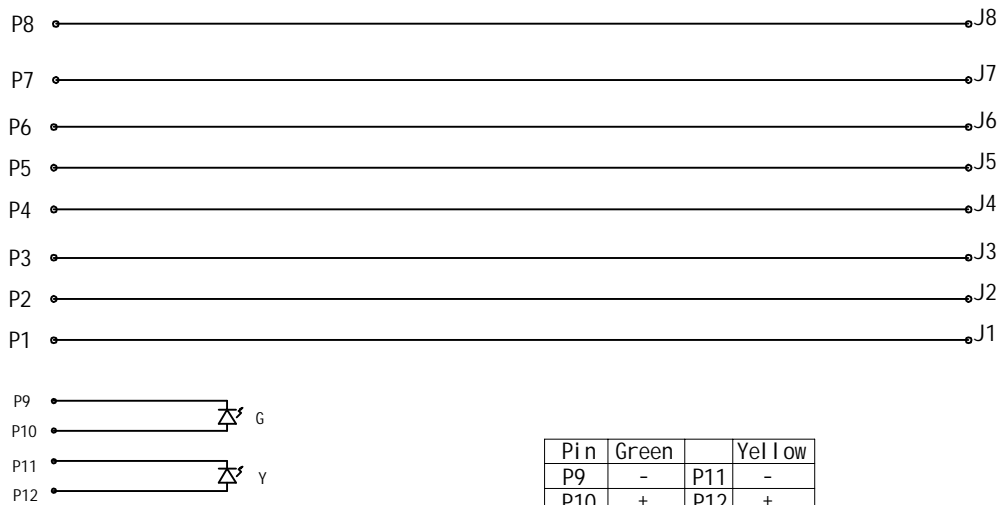
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### 6. Circuit Schematic and Electrical Specifications:

#### 6-1. Circuit Schematic:



#### 6-2. Electrical Specifications:

1.0 DIELECTRIC WITHSTAND: (P1/P3/P5/P7): (P2/P4/P6/P8): 500VAC

2.0 DC RESISTANCE: (P1-J1): (P2-J2): (P3-J3): (P4-J4): (P5-J5): (P6-J6): (P7-J7): (P8-J8): 1.0 OHMS MAX