

CZT

SPECIFICATION FOR APPROVAL

CUSTOMER _____

CUSTOMER'S PART NO. _____ REV. _____

DESCRIPTION RJ45+USB ICM (10/100 Base-T 1 Port)

CZT'S PART NO. JBF110421922 REV. A

CZT OLD P/N _____

ISSUE NO. 14B-460

ISSUE DATE Dec.09,2014

<input type="checkbox"/> APPROVED	<input type="checkbox"/> REJECTED:
<input type="checkbox"/> 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:+86-512-8207885 8

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.

SPECIFICATION FOR APPROVAL

Customer Part No.:
CZT Part No.: JBF110421922
Part Name: RJ45+USB ICM(10/100 Base-T 1 Port)



Rev	Description	Drawn	Designed	Approved	Issue Date
A	New Release	Sunny shi	/	Davi d Chen	Dec., 09. 2014

CZT

SPECIFICATION FOR APPROVAL

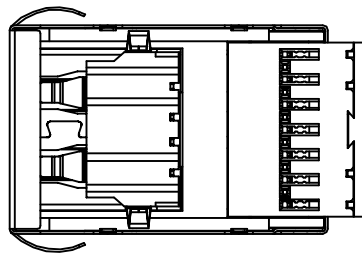
Customer Part No.:
CZT Part No.: JBF110421922
Part Name: RJ45+USB ICM(10/100 Base-T 1 Port)

Rev.: A

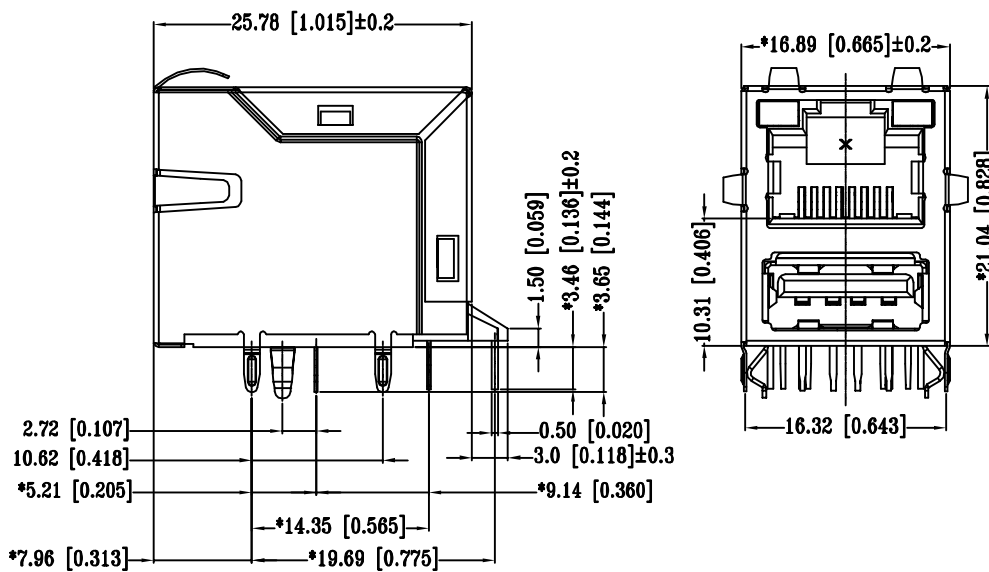


4. Mechanical Dimension and Notes:

4-1. Mechanical Dimension:



Unless otherwise specified, all dimensions tolerances is ± 0.254 / 0.010 .



4-2. Notes:

1. CONNECTOR MATERIAL:
HOUSING: PA46 BLACK UL94 V-0
INSERTER: PBT BLACK UL94 V-0
SHIELD: Brass
SHIELD PLATING: NICKEL
CONTACT: COOPER ALLOY
CONTACT PLATING: SELECTIVE GOLD, 15 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/ORANGE	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

*WITH A FORWARD CURRENT OF 20mA

Drawn by

Designed by

Approved by

CZT

SPECIFICATION FOR APPROVAL

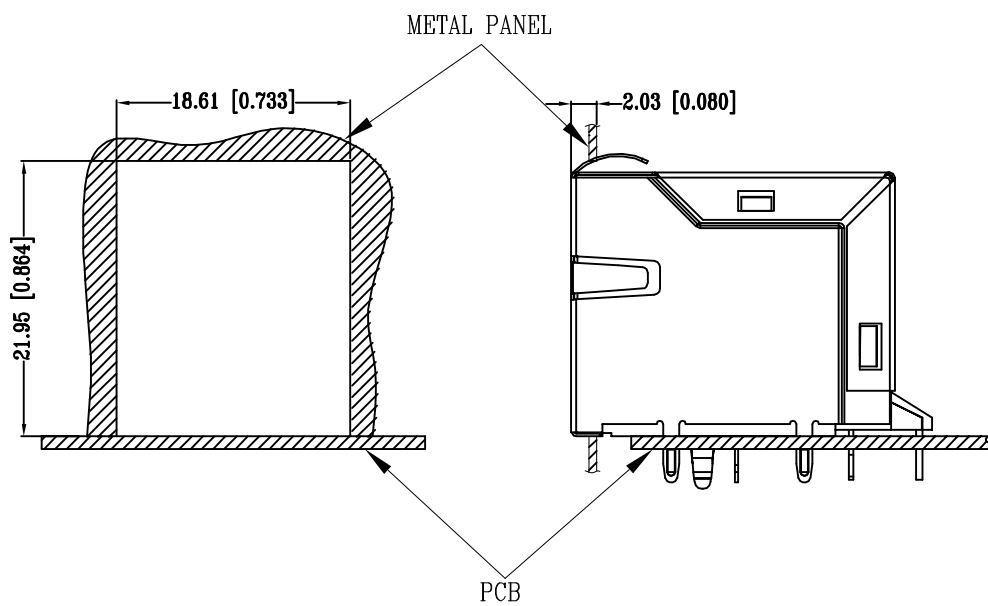
Customer Part No.:
CZT Part No.: JBF110421922
Part Name: RJ45+USB ICM(10/100 Base-T 1 Port)

Rev.: A



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

5-1. Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

REFERENCE ONLY

CZT

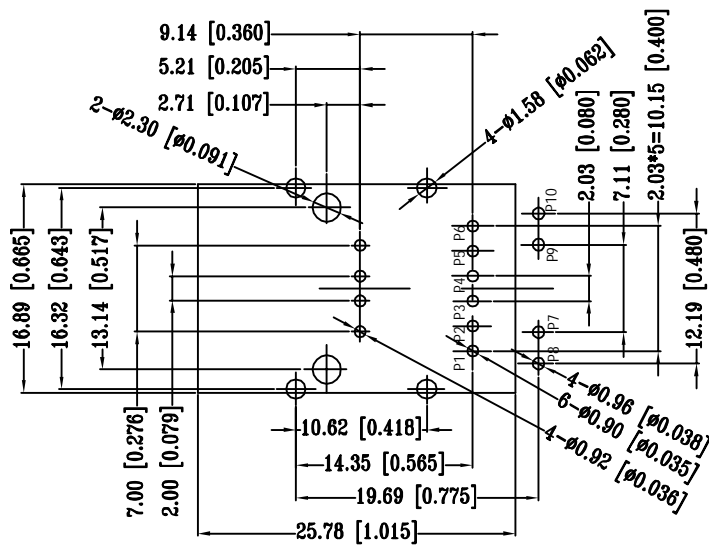
SPECIFICATION FOR APPROVAL

Customer Part No.:
CZT Part No.: JBF110421922
Part Name: RJ45+USB ICM(10/100 Base-T 1 Port)

Rev.: A



5-2. Recommended PWB Layout (Component Side View):



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

C Z T

SPECIFICATION FOR APPROVAL

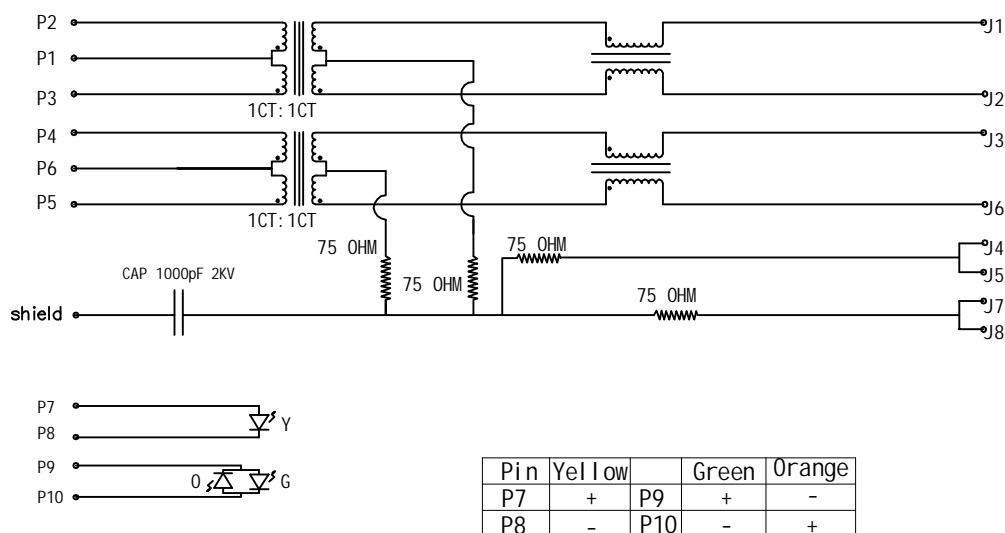
Customer Part No.:
CZT Part No.: JBF110421922
Part Name: RJ45+USB ICM(10/100 Base-T 1 Port)

Rev.: A



6. Circuit Schematic and Electronical Specifications:

6-1. Circuit Schematic:



6-2. Electronical Specifications:

- | | | |
|----------------------------------------|--------------------------|--------------------------|
| 1.0 Turn Ratio @100KHz: | (P2~P3):(J1~J2) = 1:1±5% | |
| | (P4~P5):(J3~J6) = 1:1±5% | |
| 2.0 Primary Inductance: | 350uH MIN | @100KHZ,0.1V 8mA DC BIAS |
| 3.0 DC Resistance:(J1~J2):(J3~J6) | 1.2 OHMS MAX | |
| 4.0 Insertion Loss: | 1-100MHz | -1.2dB MAX |
| 5.0 Return Loss: | 1-30MHz | -16dB MIN |
| | 30-60MHz | -12dB MIN |
| | 60-80MHz | -10dB MIN |
| 6.0 CROSS TALK: | 1-100MHz | -30dB MIN |
| 7.0 COMMON TO COMMON MODE ATTENUATION: | 1-100MHz | -30dB MIN |
| 8.0 Isolation: PHY Side to Line Side: | 1500VAC or 2250VDC | |