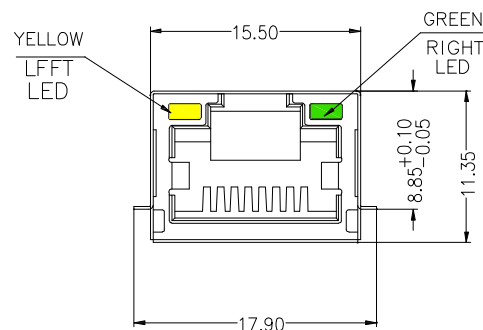
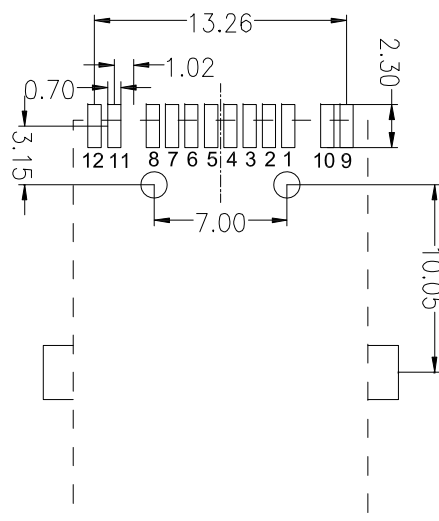
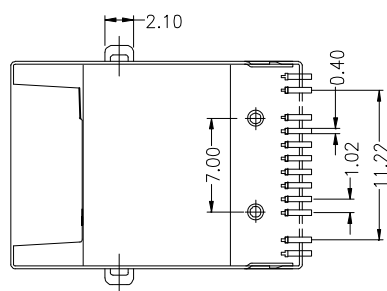
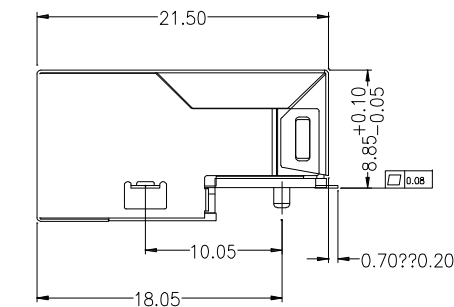


MECHANICAL:



P.C.B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.
ALL CENTERLINE DIMENSIONS ARE BASIC

Metal Shell : Copper Alloy, Finish: 30u" Nickel
Housing : Thermoplastic, LCP, UL 94V-0, Black
Insert : Thermoplastic, LCP, UL 94V-0, Black
Contact Terminal/phosphor Bronze
6u" Gold on Contact Area, 100u" Tin on Solder,
Both over 50u" Nickel Under-Plated
Coil Base : Phenolic, LCP, UL 94V-0, Black
Terminal/Copper Alloy T=0.35mm Thickness

Meets or exceeds IEEE 802.3 standard for 10/100 Base-TX
350uH minimum OCL with 8mA Bias current
Available with or without LEDs
Minimum 1500Vrms isolation per IEEE802.3 requirement
Operating temperature 0°C to +70°C
Storage temperature -40°C to +85°C

LED ELECTRICAL CHARACTERISTIC

Standard LED	Wavelength	Forward V (Min/Max)	Forward A	Type
Green	568nm	1.8V/2.8V	20mA	squareness
Yellow	585nm	1.8V/2.8V	20mA	squareness
Orange	610nm	1.8V/2.8V	20mA	squareness



Champyang International Ltd., Co

REV	DESCRIPTION.	APPD.	Date
A0	RELEASED	Allen	2018-08-02

FILE NO : ARJ15 (Series)

TOLERANCE(公差):
0.000 mm ± 0.075 mm
0.00 mm ± 0.15 mm
0.0 mm ± 0.25 mm

TITLE 圖名	RJ45 Connector With Transformer 100Base Tab-up 1x1 Port with LED			UNIT 單位	mm inch
PART NO. 料號	ARJ15-010808-341-SOL1T1-S			SCALE 比例	1:1
DRAWN BY 製圖	Ben	DATE 日期	2018-08-02	REV. 版本	A.0
CHECKED BY 審核	Allen	DATE 日期	2018-08-02		

ELECTRICAL SPECIFICATIONS@25°C UNLESS OTHERWISE NOTED:

1.Turn Ratio(+/-2%):1CT:1CT

3.Insertion Loss:
-1.0dB Max @1.0-100MHz

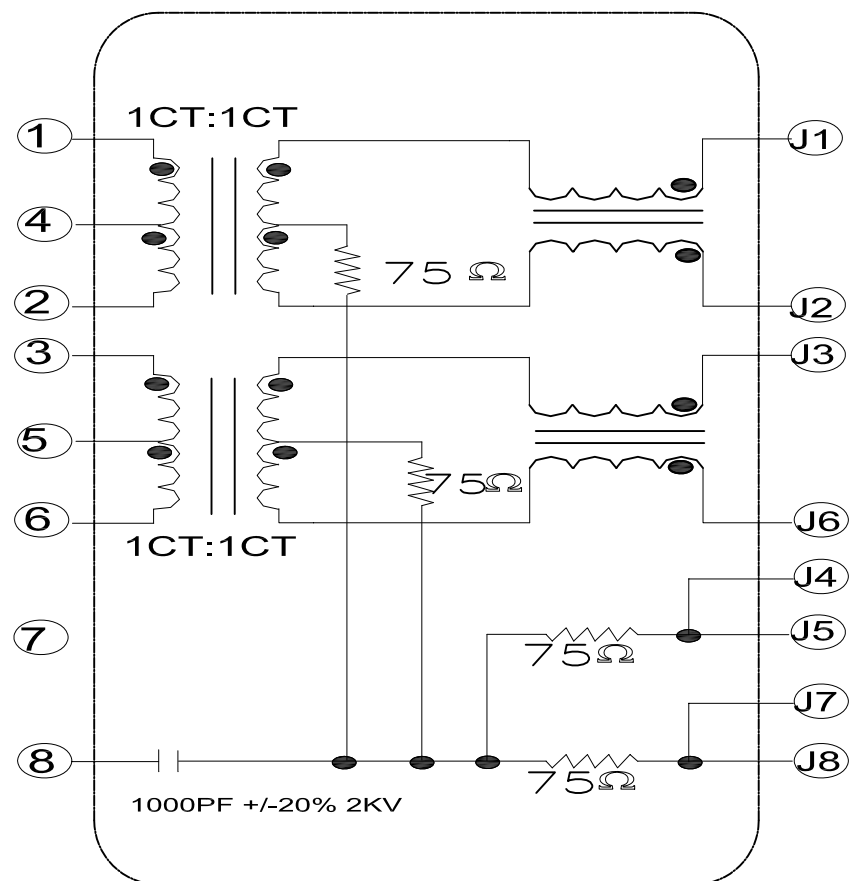
4.Return Loss:
-20dB Min @1-30MHz
-16dB Min @30-60MHz
-12dB Min @60-80MHz

5.Cross talk:
-40dB Min @1-30MHz
-35dB Min @30-80MHz

6.Common Mode Rejection:
-35dB Min @1-100MHz
-20dB Min @50-150MHz

7.HIPOT TEST:1500Vrms 1mA.Max

SCHEMATICS:



Champyang International Ltd., Co

A0			
	RELEASED	Allen	2019-03-21
REV	DESCRIPTION.	APPD.	Date

FILE NO : ARJ15(Series)

TOLERANCE(公差):
0.000 mm ± 0.075 mm
0.00 mm ± 0.15 mm
0.0 mm ± 0.25 mm

TITLE
圖 名

RJ45 Connector With Transformer
100Base Tab-up 1x1 Port with LED

UNIT
單位

mm
inch

PART NO.
料 號

ARJ15-010808-341-S0L1T1-S

SCALE
比例

1:1

DRAWN BY
製 圖

Ben

DATE
日期

2019-03-21

REV.
版本

A.0

CHECKED BY
審 核

Allen

DATE
日期

2019-03-21

