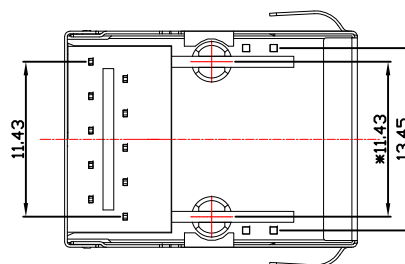


9



Meets or exceeds IEEE 802.3 standard for 10/100/1000 Base-TX
350uH minimum OCL with 8mA Bias current
Available with or without LEDs
Minimum 1500Vrms isolation per IEEE802.3 requirement
Operating temperature -40°C to +85°C
Storage temperature -40°C to +85°C

	LEFT LED		RIGHT LED	
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



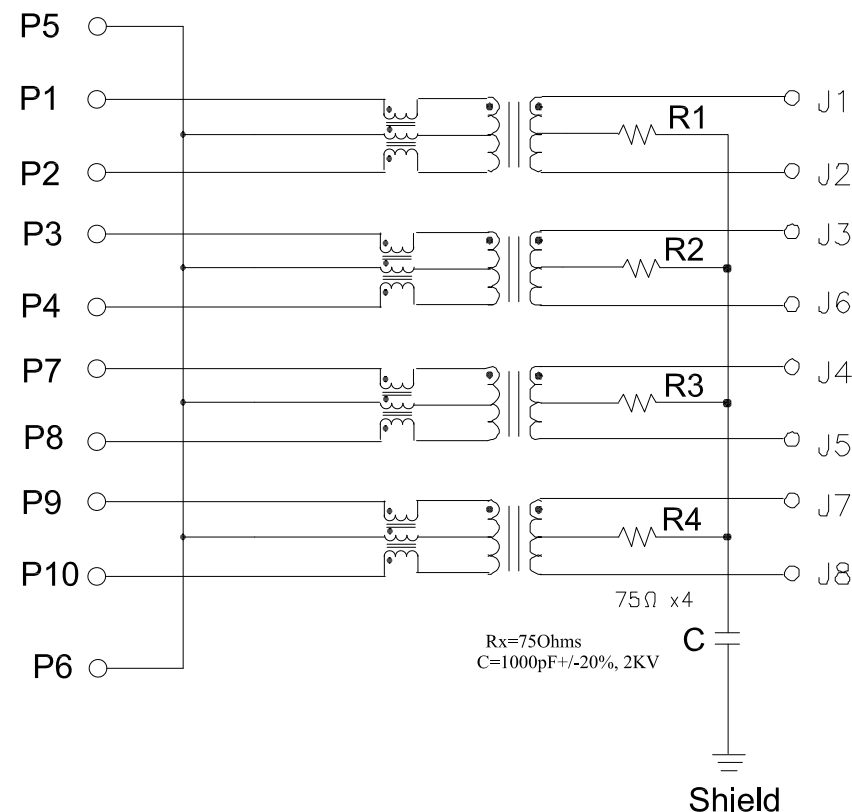
Champyang International Ltd., Co

 Champyang International Ltd., Co						
FILE NO : ARJ11 (Series)	TITLE 圖 名	RJ45 Connector With Transformer 1000Base Tab-up 1x1 Port with LED			UNIT 單位	mm inch
TOLERANCE(公差): 0.000 mm ± 0.075 mm 0.00 mm ± 0.15 mm 0.0 mm ± 0.25 mm	PART NO. 料 號	ARJ11-010810-321-S3L2T15			SCALE 比例	1 : 1
	DRAWN BY 製 圖	Ben	DATE 日 期	2020-08-31	REV. 版本	A.0
	CHECKED BY 審 核	Allen	DATE 日 期	2020-08-31	 	

ELECTRICAL SPECIFICATIONS@25°C UNLESS OTHERWISE NOTED:

- 1.Turn Ratio(+/-2%):1CT:1CT
- 2.Inductance OCL:
350uH Min @100KHz 0.1V DC BIAS 8mA
- 3.Insertion Loss:
-1.0dB Max @1.0-100MHz
- 4.Return Loss:
-20dB Min @1-10MHz
-16dB Min @10-30MHz
-12dB Min @30-60MHz
-10dB Min @60-100MHz
- 5.Cross talk:
-40dB Min @1-30MHz
-35dB Min @30-60MHz
-30dB Min @60-100MHz
- 6.Common Mode Rejection:
-35dB Min @1-100MHz
-20dB Min @50-150MHz
- 7.HIPOT TEST:1500Vrms 1mA.Max

SCHEMATICS:



Champyang International Ltd., Co

				FILE NO : ARJ11(Series)	TITLE 圖 名	RJ45 Connector With Transformer 1000Base Tab-up 1x1 Port with LED			UNIT 單位	mm inch
				TOLERANCE(公差): 0.000 mm ± 0.075 mm 0.00 mm ± 0.15 mm 0.0 mm ± 0.25 mm	PART NO. 料 號	ARJ11-T15			SCALE 比例	1:1
A0	RELEASED	Allen	2020-08-31		DRAWN BY 製 圖	Ben	DATE 日 期	2020-08-31	REV. 版本	A.0
REV	DESCRIPTION.	APPD.	Date		CHECKED BY 審 核	Allen	DATE 日 期	2020-08-31		

A

B

C

D