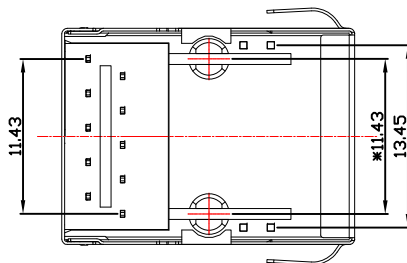
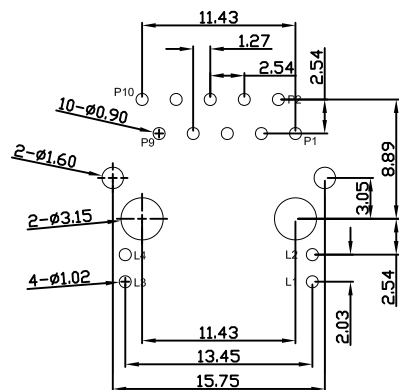
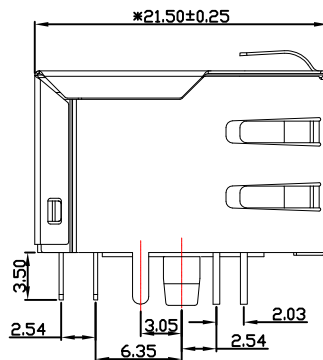
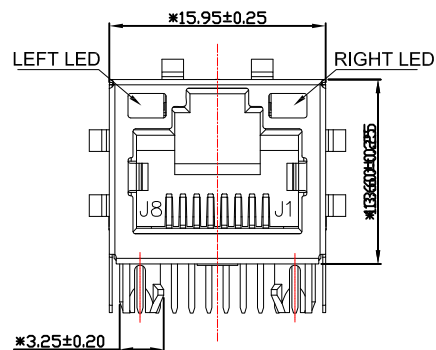


MECHANICAL:



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

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 $+85^{\circ}\text{C}$
Storage temperature -40°C to $+85^{\circ}\text{C}$

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



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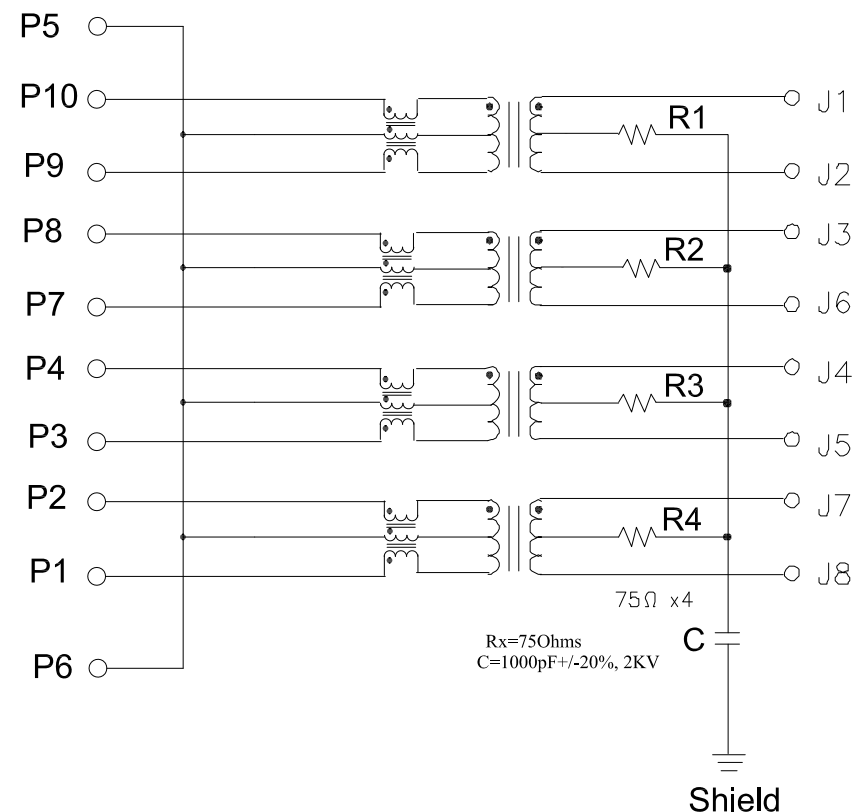
A0			
REV	RELEASED	Allen	2019-05-30
	DESCRIPTION.	APPD.	Date

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 $\pm$ 0.075 mm 0.00 mm $\pm$ 0.15 mm 0.0 mm $\pm$ 0.25 mm	PART NO. 料 號	ARJ11-011010-621-S3LDT2		SCALE 比例	1:1
	DRAWN BY 製 圖	Ben	DATE 日期	2019-05-30	REV. 版本
	CHECKED BY 審 核	Allen	DATE 日期	2019-05-30	

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:



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A0			
	RELEASED	Allen	2019-05-30
REV	DESCRIPTION.	APPD.	Date

FILE NO : ARJ11(Series)				TITLE 圖 名		RJ45 Connector With Transformer 1000Base Tab-up 1x1 Port with LED		UNIT 單位	mm inch
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				DRAWN BY 製 圖		Ben	DATE 日期	2019-05-30	REV. 版本
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