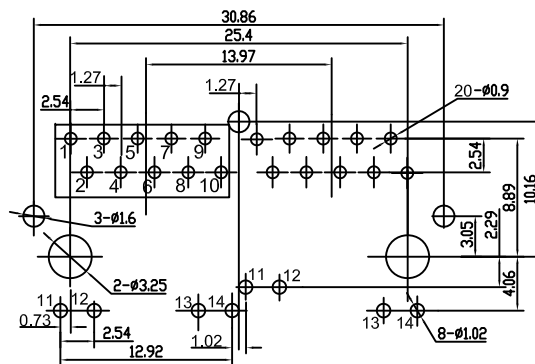
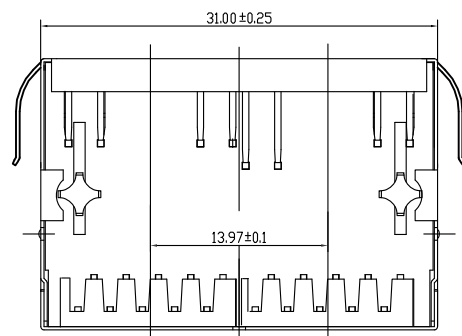
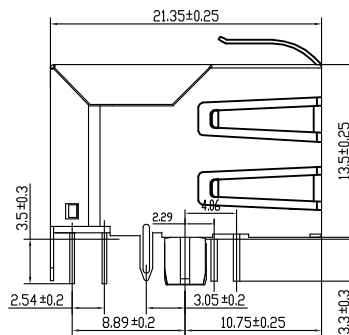
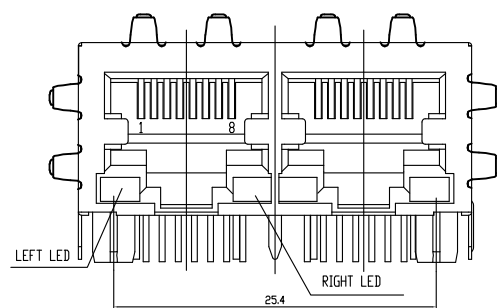


MECHANICAL:



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

Metal Shell :Copper Alloy, Finish: 30u" Nickel
Housing :Thermoplastic,PBT,UL 94V-0,Black
Insert :Thermoplastic,PBT,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,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 0°C to +70°C
Storage temperature -40°C to +85°C

LED ELECTRICAL CHARACTERISTIC				
Yellow		Green		
11	12	13	14	
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



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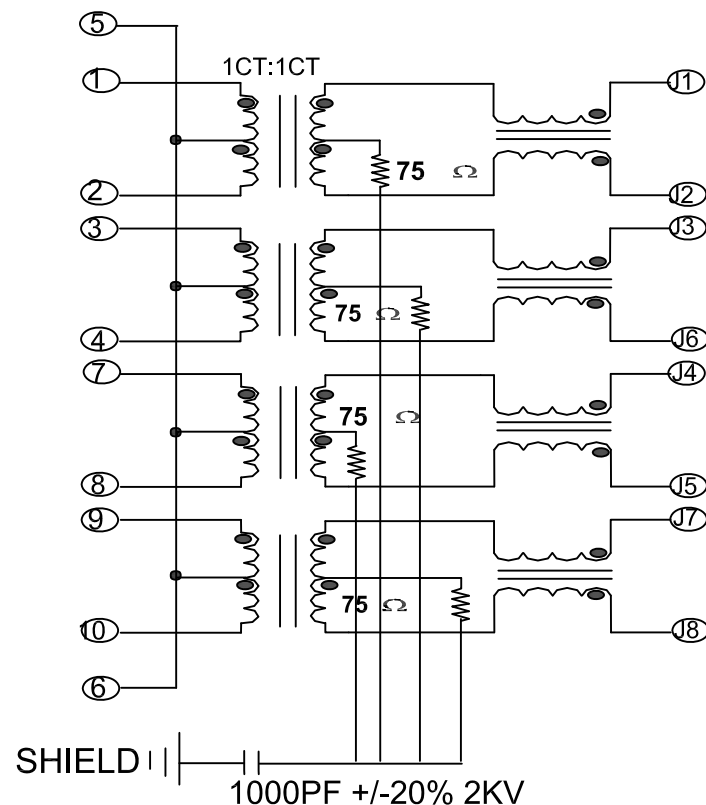
A0			
REV	RELEASED	Allen	2019-02-15
	DESCRIPTION.	APPD.	Date

FILE NO : ARJ10(Series)		TITLE 圖 名		RJ45 Connector With Transformer With LED 1000Base Tab-down 1x2 Port		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		ARJ10-021010-321-S3L1T3		SCALE 比例	1:1
		DRAWN BY 製 圖		Kiddy	DATE 日期	2019-02-15	REV. 版本
		CHECKED BY 審 核		Allen	DATE 日期	2019-02-15	

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 @1-30MHz
-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 :



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