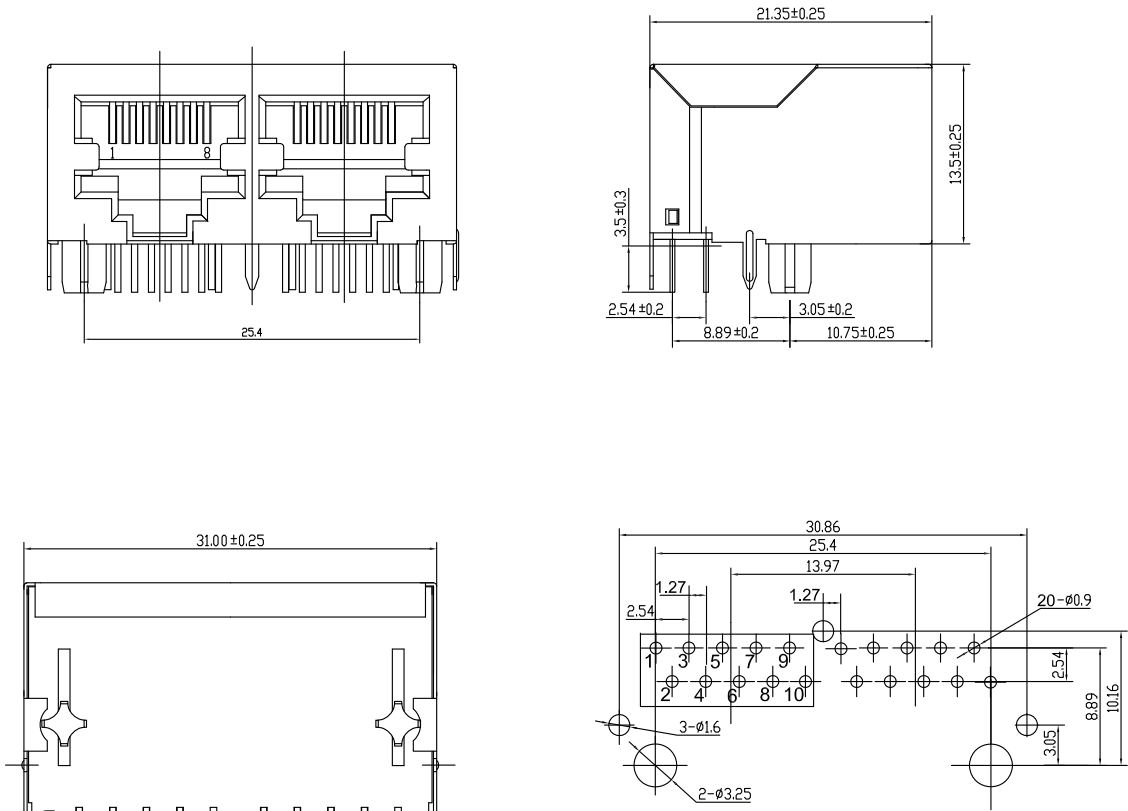


MECHANICAL:



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
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 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

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



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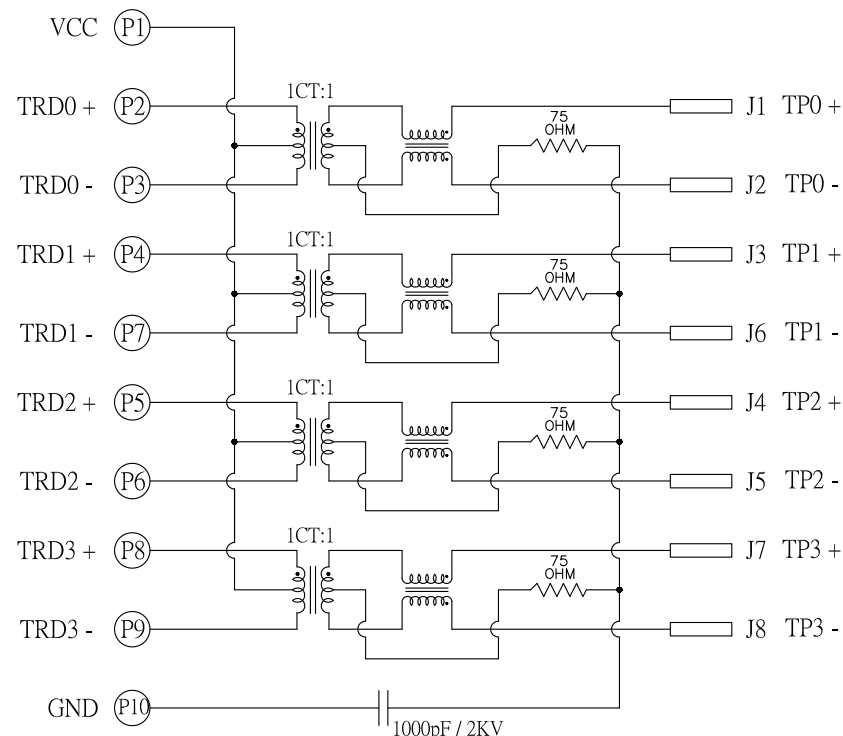
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	RELEASED	Allen	2018-07-22
REV	DESCRIPTION.	APPD.	Date

FILE NO : ARJ10(Series)						TITLE 圖 名		RJ45 Connector With Transformer 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-X21-SOT1		SCALE 比例	1 : 1
						DRAWN BY 製 圖		Kiddy	DATE 日 期	2018-07-22	REV. 版本
						CHECKED BY 審 核		Allen	DATE 日 期	2018-07-22	

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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